

Thu Sep 16 13:16:23 2004

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; CURRENT APPLICATION NUMBER: US/09/658,688A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-688A-45

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1450 GAGAAACCAAGGAGGAGA 1468
Db 20 GAGACAAGCAAGGAGGTGA 2

RESULT 255
US-09-470-661A-18/c
; Sequence 18, Application US/09470661A
; Patent No. 6500662
; GENERAL INFORMATION:
; APPLICANT: Pfizer Products Inc.
; TITLE OF INVENTION: AN INFECTIOUS CDNA CLONE OF NORTH AMERICAN PORCINE
; TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME (PRRS) VIRUS AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: PC10278A
; CURRENT APPLICATION NUMBER: US/09/470,661A
; CURRENT FILING DATE: 1999-12-22
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; OTHER INFORMATION: forward strand, used for determining cDNA
; OTHER INFORMATION: corresponding to No. 6500662th American PRRS virus genome.
US-09-470-661A-18

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 557 AGTATCACCAGAGGGTGTCT 575
Db 19 AGTTGCACCAGAGCGTGTCT 1

RESULT 256
US-09-920-759-65/c
; Sequence 65, Application US/09920759
; Patent No. 6537811
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
; FILE REFERENCE: RTS-0267
; CURRENT APPLICATION NUMBER: US/09/920,759
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-759-65

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Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1981 CCTCTGCTCTGCTCTTCCT 1999
Db 19 CCTCCCTCTGCTCTTTCCT 1

RESULT 257
US-09-198-452A-2212
; Sequence 2212, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2212
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2212

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1425 GGAGAAGAAAGAGTCAAC 1443
Db 1 GGTGAAGAGAGACTCAAC 19

RESULT 258
US-09-198-452A-4965
; Sequence 4965, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4965
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4965

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 585 CATTGATATTCACCATGGT 603
Db 2 CATTGGTACTCAGCATGGT 20

RESULT 259
US-09-198-452A-5034
; Sequence 5034, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev

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; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5034
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5034

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1349 GGGGCCGCAAGACTCTTC 1367
|||||
Db 2 GAGGCCGCAAAAATCTTC 20
|||||

RESULT 260
US-09-198-452A-6815
; Sequence 6815, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6815
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6815

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 865 GGGATCGGTTAGGTGCT 883
|||||
Db 1 GGGATCGGTTATCTGCT 19
|||||

RESULT 261
US-09-649-728-8/c
; Sequence 8, Application US/09649728
; Patent No. 6562564
; GENERAL INFORMATION:
; APPLICANT: Honkaren, Richard E
; TITLE OF INVENTION: DECREASING CELL PROLIFERATION BY DECREASING LEVELS OF PPS
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
ADDRESS: Bramer & Rogalskyj, LLP
STREET: P.O. Box 352
CITY: Canandaigua
STATE: New York
COUNTRY: USA
ZIP: 14614-1310
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/649,728
FILING DATE: 28-Aug-2000
CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/975,127
; FILING DATE: 20-NOV-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Bramer, Susan J
; REGISTRATION NUMBER: 34,103
; REFERENCE/DOCKET NUMBER: 004.00126
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 716-393-3002
; TELEFAX: 716-393-3001
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; ANTI-SENSE: YES
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-649-728-8

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 246 TGAGGAGATGACCAAGTAC 264
|||||
Db 19 TGAGGTGAGGCCAAGTAC 1
|||||

RESULT 262
US-09-915-229-1
; Sequence 1, Application US/09915229
; Patent No. 6599695
; GENERAL INFORMATION:
; APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
; APPLICANT: Gage, Fred
; APPLICANT: Ray, Jasodhara
; TITLE OF INVENTION: METHOD FOR PRODUCTION OF NEUROBLASTS
; FILE REFERENCE: REG1160-5
; CURRENT APPLICATION NUMBER: US/09/915,229
; CURRENT FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: 08/884,427
; PRIOR FILING DATE: 1997-06-27
; PRIOR APPLICATION NUMBER: 08/445,075
; PRIOR FILING DATE: 1995-05-19
; PRIOR APPLICATION NUMBER: 08/147,843
; PRIOR FILING DATE: 1993-11-03
; PRIOR APPLICATION NUMBER: 08/001,543
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Forward primer for PCR
US-09-915-229-1

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 247 GAGGAGATGACCAAGTACC 265
|||||
Db 1 GAGGAGATAACTGAGTACC 19
|||||

RESULT 263
US-09-825-497A-6/c
; Sequence 6, Application US/09825497A
; Patent No. 6599742

Best Local Similarity 84.2%; Pred. No. 3.2e+02; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0;

QY 247 GAGGAGATGACCAAGTACC 265
DB 1 GAGGAGATAACTGAGTACC 19

RESULT 265
US-08-208-886C-35/c
; Sequence 35, Application US/08208886C
; Patent No. 5597710
; GENERAL INFORMATION:
; APPLICANT: Dalie, Barbara
; APPLICANT: Miller, Kenneth
; APPLICANT: Murgolo, Nicholas
; APPLICANT: Tindall, Stephen
; TITLE OF INVENTION: Humanized Monoclonal Antibodies Against Human Interleukin-4
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schering-Plough Corporation
; STREET: 2000 Galloping Hill Road
; CITY: Kenilworth
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07033-0530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.1
; SOFTWARE: Microsoft Word 5.1a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/208,886C
; FILING DATE: March 10, 1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Foulke, Cynthia L.
; REGISTRATION NUMBER: 32,364
; REFERENCE/DOCKET NUMBER: JB0429
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908 298 2987
; TELEFAX: 908 298 5388
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-208-886C-35

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0;

QY 598 CATGCTGACGCGTGGAG 616
DB 21 CATGCTGCGCGTCGACG 3

RESULT 266
US-08-587-209-15/c
; Sequence 15, Application US/08587209
; Patent No. 5612473
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
; TITLE OF INVENTION: Methods and Apparatus for Preparing, Amplifying,
; TITLE OF INVENTION: and Discriminating Multiple Analytes

NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: David O. Seeley, Esq.
ADDRESSEE: Workman, Nydegger & Seeley
STREET: 1000 Eagle Gate Tower
CITY: Salt Lake City
STATE: Utah
COUNTRY: USA
ZIP: 84111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
MEDIUM TYPE: 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0a for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/587,209
FILING DATE: 16-JAN-1996
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-587-209-15

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1355 GCAAGAACTCTTCCAACTT 1373
Db 20 GCAAGAACTCTTCCAACTT 2

RESULT 267
US-08-704-744-35/c
Sequence 35, Application US/08704744
Patent No. 5705154
GENERAL INFORMATION:
APPLICANT: Dalie, Barbara
APPLICANT: Miller, Kenneth
APPLICANT: Murgolo, Nicholas
APPLICANT: Tindall, Stephen
TITLE OF INVENTION: Humanized Monoclonal Antibodies Against Human Interleukin-4
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schering-Plough Corporation
STREET: 2000 Galloping Hill Road
CITY: Kenilworth
STATE: New Jersey
COUNTRY: USA
ZIP: 07033-0530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 7.5.3
SOFTWARE: Microsoft Word 5.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/704,744
FILING DATE: 06-SEPT-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/208886
FILING DATE: 10-MAR-1994
APPLICATION NUMBER: PCT/US/95/02400
FILING DATE: 08-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Foulke, Cynthia L.
REGISTRATION NUMBER: 32,364

REFERENCE/DOCKET NUMBER: JB0429K
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 298-2987
TELEFAX: (908) 298-5388
TELEX:
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-704-744-35

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 598 CATGTCGAGCGGTGGAAG 616
Db 21 CATGTCGAGCGGTGGAAG 3

RESULT 268
US-08-613-805-5/c
Sequence 5, Application US/08613805
Patent No. 5723294
GENERAL INFORMATION:
APPLICANT: Glass, Michael J.
APPLICANT: Coombs, Jana
APPLICANT: Malmstrom, Sharon L.
APPLICANT: Wu, Linxian
TITLE OF INVENTION: Methods and Apparatus for Detection
TITLE OF INVENTION: and Discrimination of Multiple Analytes Using Fluorescent
TITLE OF INVENTION: Technology
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: David O. Seeley, Esq.
ADDRESSEE: Workman, Nydegger & Seeley
STREET: 1000 Eagle Gate Tower
CITY: Salt Lake City
STATE: Utah
COUNTRY: USA
ZIP: 84111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
MEDIUM TYPE: 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0a for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/613,805
FILING DATE: 05-MAR-1996
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-613-805-5

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1355 GCAAGAACTCTTCCAACTT 1373
Db 20 GCAAGAACTCTTCCAACTT 2

RESULT 269

```
US-08-613-805-6
; Sequence 6, Application US/08613805
; Patent No. 5723294
; GENERAL INFORMATION:
; APPLICANT: Glass, Michael J.
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Wu, Linxian
; TITLE OF INVENTION: Methods and Apparatus for Detection
; TITLE OF INVENTION: and Discrimination of Multiple Analytes Using Fluorescent
; TITLE OF INVENTION: Technology
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/613,805
; FILING DATE: 05-MAR-1996
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-613-805-6

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1355 GCAGAACTCTTCCAAGTT 1373
Db 2 GCAGAAAGTGTTCGAAGTT 20

RESULT 270
US-08-689-236-15/c
; Sequence 15, Application US/08689236
; Patent No. 5738995
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
; TITLE OF INVENTION: Methods and Apparatus for
; TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analytes
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/689,236
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-689-236-15/c

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1355 GCAGAACTCTTCCAAGTT 1373
Db 2 GCAGAAAGTGTTCGAAGTT 20

RESULT 270
US-08-689-236-15/c
; Sequence 15, Application US/08689236
; Patent No. 5738995
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
; TITLE OF INVENTION: Methods and Apparatus for
; TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analytes
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/689,236
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-689-236-15/c

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1355 GCAGAACTCTTCCAAGTT 1373
Db 20 GCAGAAAGTGTTCGAAGTT 2
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COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0a for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,236
FILING DATE: 16-JAN-1996
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-689-236-15

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1355 GCAGAACTCTTCCAAGTT 1373
Db 20 GCAGAAAGTGTTCGAAGTT 2

RESULT 271
US-08-689-235-15/c
; Sequence 15, Application US/08689235
; Patent No. 5753444
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
; TITLE OF INVENTION: Methods and Apparatus for
; TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analytes
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/689,235
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-689-235-15

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1355 GCAGAACTCTTCCAAGTT 1373
Db 20 GCAGAAAGTGTTCGAAGTT 2
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RESULT 272
US-08-692-725-15/c
; Sequence 15, Application US/08692725
; Patent No. 5756701
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
; TITLE OF INVENTION: Methods and Apparatus for
; TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analytes
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/692,725
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-692-725-15
Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1355 GCAGAGACTCTTCCACCT 1373
Db 20 GCAGAGAGTGTTCACGTT 2

RESULT 273
US-08-469-557-35/c
; Sequence 35, Application US/08469557
; Patent No. 5770403
; GENERAL INFORMATION:
; APPLICANT: Dalie, Barbara
; APPLICANT: Le, Hung
; APPLICANT: Miller, Kenneth
; APPLICANT: Murgolo, Nicholas
; APPLICANT: Nguyen, Hanh
; APPLICANT: Tindall, Stephen
; APPLICANT: Zavodny, Paul
; TITLE OF INVENTION: Cloning and Expression of
; TITLE OF INVENTION: Humanized Monoclonal Antibodies
; TITLE OF INVENTION: Against Human Interleukin-4
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schering-Plough Corporation
; STREET: 2000 Galloping Hill Road
; CITY: Kenilworth
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07033-0530

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.5
; SOFTWARE: Microsoft Word 5.1A
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,557
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/290,793
; FILING DATE: August 16, 1994
; APPLICATION NUMBER: PCT/US93/01301
; FILING DATE: 19-FEB-1992
; APPLICATION NUMBER: US 07/841,659
; FILING DATE: 19-FEB-1992
; APPLICATION NUMBER: US 07/782,784
; FILING DATE: 24-OCT-1991
; APPLICATION NUMBER: US 07/499,327
; FILING DATE: 21-MAY-1990
; APPLICATION NUMBER: PCT/US88/03631
; FILING DATE: 21-OCT-1988
; APPLICATION NUMBER: US 07/655,966
; FILING DATE: 14-FEB-1991
; APPLICATION NUMBER: US 07/113,623
; FILING DATE: 26-OCT-1987
; APPLICATION NUMBER: US 06/881,553
; FILING DATE: 03-JUL-1986
; APPLICATION NUMBER: US 06/843,958
; FILING DATE: 25-MAR-1986
; APPLICATION NUMBER: US 06/799,668
; FILING DATE: 19-NOV-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Foulke, Cynthia L.
; REGISTRATION NUMBER: 32,364
; REFERENCE/DOCKET NUMBER: 2409K7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908 298-2987
; TELEFAX: 908-298-5388
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-469-557-35
Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 598 CATGTGACGGCGTGGAG 616
Db 21 CATGTGCGCGGTGACG 3

RESULT 274
US-08-692-726-15/c
; Sequence 15, Application US/08692726
; Patent No. 5846783
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
; TITLE OF INVENTION: Methods and Apparatus for Preparing,
; TITLE OF INVENTION: Amplifying, and Discriminating Multiple Analytes
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
```

```

; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/692,726
; FILING DATE: 06-AUG-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/587,209
; FILING DATE: 16-JAN-1996
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-692-726-15
;
; Query Match 0.7%; Score 14.2; DB 1; Length 21;
; Best Local Similarity 84.2%; Pred. No. 3.6e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 1355 GCAAGAACTCTTCCAAC TT 1373
Db 20 GCAAGAAAGTGTCCAAG TT 2
;
; RESULT 276
; US-08-925-444A-6
; Sequence 6, Application US/08925444A
; Patent No. 5861256
; GENERAL INFORMATION:
; APPLICANT: Glass, Michael J.
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Wu, Linxian
; TITLE OF INVENTION: Methods and Apparatus for Detection
; TITLE OF INVENTION: and Discrimination of Multiple Analytes Using Fluorescent
; TITLE OF INVENTION: Technology
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/925,444A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/613,805
; FILING DATE: 05-MAR-1996
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-925-444A-6
;
; Query Match 0.7%; Score 14.2; DB 1; Length 21;
; Best Local Similarity 84.2%; Pred. No. 3.6e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 1355 GCAAGAACTCTTCCAAC TT 1373
Db 2 GCAAGAAAGTGTCCAAG TT 20
;
; RESULT 277
; US-08-290-793B-35/c
; Sequence 35, Application US/08290793B
; Patent No. 5863537
; GENERAL INFORMATION:
; APPLICANT: Glass, Michael J.
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Wu, Linxian
; TITLE OF INVENTION: Methods and Apparatus for Detection
; TITLE OF INVENTION: and Discrimination of Multiple Analytes Using Fluorescent
; TITLE OF INVENTION: Technology
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/925,444A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/613,805
; FILING DATE: 05-MAR-1996
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
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; APPLICANT: Dalia, Barbara
; APPLICANT: Le, Hung
; APPLICANT: Miller, Kenneth
; APPLICANT: Murgolo, Nicholas
; APPLICANT: Nguyen, Hanh
; APPLICANT: Tindall, Stephen
; APPLICANT: Zavodny, Paul
; TITLE OF INVENTION: Cloning and Expression of
; TITLE OF INVENTION: Humanized Monoclonal Antibodies
; TITLE OF INVENTION: Against Human Interleukin-4
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schering-Plough Corporation
; STREET: 2000 Galloping Hill Road
; CITY: Kenilworth
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07033-0530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.5
; SOFTWARE: Microsoft Word 5.1A
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/290,793B
; FILING DATE: August 16, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/01301
; FILING DATE: 19-FEB-1992
; APPLICATION NUMBER: US 07/841,659
; FILING DATE: 19-FEB-1992
; APPLICATION NUMBER: US 07/782,784
; FILING DATE: 24-OCT-1991
; APPLICATION NUMBER: US 07/499,327
; FILING DATE: 21-MAY-1990
; APPLICATION NUMBER: PCT/US88/03631
; FILING DATE: 21-OCT-1988
; APPLICATION NUMBER: US 07/655,966
; FILING DATE: 14-FEB-1991
; APPLICATION NUMBER: US 07/113,623
; FILING DATE: 26-OCT-1987
; APPLICATION NUMBER: US 06/881,553
; FILING DATE: 03-JUL-1986
; APPLICATION NUMBER: US 06/843,958
; FILING DATE: 25-MAR-1986
; APPLICATION NUMBER: US 06/799,668
; FILING DATE: 19-NOV-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Foulke, Cynthia L.
; REGISTRATION NUMBER: 32,364
; REFERENCE/DOCKET NUMBER: 2409K7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908 298-2987
; TELEFAX: 908 298-5388
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

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; US-08-290-793B-35
; Query Match 0.7%; Score 14.2; DB 1; Length 21;
; Best Local Similarity 84.2%; Pred. No. 3.6e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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; 598 CATGTCACGCGGTGAAG 616
; ||||| ||||| ||||| |||||
; 21 CATGTCGCGCGTCGACG 3

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; RESULT 278
; S-08-873-479-48/c

```

```

; Sequence 48, Application US/08973479
; Patent No. 5891701
; GENERAL INFORMATION:
; APPLICANT: Sloma, Alan
; APPLICANT: Lyne, Christianson
; TITLE OF INVENTION: Nucleic Acids Encoding A Polypeptide
; TITLE OF INVENTION: Having Protease Activity
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5891701o No. 5891701disk of No. 5891701th America
; STREET: 405 Lexington Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10174
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/873,479
; FILING DATE: 12-JUN-1997
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Agis, Cheryl H
; REGISTRATION NUMBER: 34,086
; REFERENCE/DOCKET NUMBER: 5251.000-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; TELEX:
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-873-479-48

```

```

; Query Match 0.7%; Score 14.2; DB 1; Length 21;
; Best Local Similarity 84.2%; Pred. No. 3.6e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

; 707 GGGCTGGCAAGGCAAGTA 725
; ||||| ||||| ||||| |||||
; 21 GTGCTGGCAATGCAGGTA 3

```

```

; RESULT 279
; US-08-972-661A-34/c
; Sequence 34, Application US/08972661A
; Patent No. 5958728
; GENERAL INFORMATION:

```

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; APPLICANT: Sloma, Alan
; APPLICANT: Sternberg, David
; APPLICANT: Adams, Lee F.
; APPLICANT: Brown, Stephen
; TITLE OF INVENTION: Method For Producing Polypeptides
; TITLE OF INVENTION: In Mutants Of Bacillus Cells
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5958728o No. 5958728disk Of No. 5958728th America, Inc.
; STREET: 405 Lexington Avenue - 64th Fl.
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10174
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0

```

```

; Query Match 0.7%; Score 14.2; DB 1; Length 21;
; Best Local Similarity 84.2%; Pred. No. 3.6e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

; 598 CATGTCACGCGGTGAAG 616
; ||||| ||||| ||||| |||||
; 21 CATGTCGCGCGTCGACG 3

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```

; RESULT 278
; S-08-873-479-48/c

```

```
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/972,661A
; FILING DATE: 18-NOV-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Starnes, Robert L
; REGISTRATION NUMBER: 41,324
; REFERENCE/DOCKET NUMBER: 5111.200-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-878-9652
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-972-661A-34

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 707 GGGCTGGCAAGGCAAGTA 725
Db 21 GTGCTGGCAAGTGCAGTA 3

RESULT 280
US-08-863-639A-37
; Sequence 37, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-863-639A-37

Query Match 0.7%; Score 14.2; DB 1; Length 21;
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```
; Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CGATGAGGACGAGACGAC 1263
Db 2 CGACGACGACGACGAC 20

RESULT 281
US-08-863-639A-54
; Sequence 54, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-863-639A-54

Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CGATGAGGACGAGACGAC 1263
Db 1 CGACGACGACGACGAC 19

RESULT 282
US-08-863-639A-57/c
; Sequence 57, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
```

QY 707 GGGCTGGCAAAGGCAAGTA 725

Db 21 GTGCTGGCAATGACGTA 3
| ||||| ||||| ||||| |||||
RESULT 286
US-08-927-219-113/c
; Sequence 113, Application US/08927219
; Patent No. 6187533
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Nachisha
; APPLICANT: Kaisaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; TITLE OF INVENTION: AND HNF-4ALPHA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,219
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,679
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; NAME: Wilson, Mark B.
; ATTORNEY/AGENT INFORMATION:
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-927-219-113
Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1659 CTCAGGCGAGCTGTGCTGG 1677
||| ||||| ||||| |||||
Db 21 CTCAGGCGAGCTGTGCTGG 3
||| ||||| ||||| |||||
RESULT 287
US-09-177-650-13/c
; Sequence 13, Application US/09177650
; Patent No. 6413719

; GENERAL INFORMATION:
; APPLICANT: Leppert, Mark F.
; APPLICANT: Singh, Nanda
; APPLICANT: Charlier, Carole
; TITLE OF INVENTION: KCNQ2 AND KCNQ3 - POTASSIUM CHANNEL GENES WHICH ARE
; TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BFNC)
; TITLE OF INVENTION: AND OTHER EPILEPSIES
; FILE REFERENCE: 2323-134
; CURRENT APPLICATION NUMBER: US/09/177,650
; CURRENT FILING DATE: 1998-10-23
; EARLIER APPLICATION NUMBER: 60/063,147
; EARLIER FILING DATE: 1997-10-24
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-177-650-13
Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 501 GGCACTCGGCTTCGTTCAC 519
||| ||||| ||||| |||||
Db 21 GGAGACTGGCTTCGTTCAC 3
||| ||||| ||||| |||||
RESULT 288
US-09-360-545-62/c
; Sequence 62, Application US/09360545
; Patent No. 6429014
; GENERAL INFORMATION:
; APPLICANT: Croteau, Rodney B
; APPLICANT: Bohlmann, Jorg
; APPLICANT: Steele, Christopher L
; APPLICANT: Phillips, Michael A
; TITLE OF INVENTION: MONOTERPENE SYNTHASES FROM GRAND FIR (ABIES GRANDIS)
; FILE REFERENCE: wsur13885
; CURRENT APPLICATION NUMBER: US/09/360,545
; CURRENT FILING DATE: 1999-07-26
; EARLIER APPLICATION NUMBER: 60/052,249
; EARLIER FILING DATE: 1997-11-07
; EARLIER APPLICATION NUMBER: PCT/US98/14528
; EARLIER FILING DATE: 1998-07-10
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 62
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide corresponding to amino acid
; OTHER INFORMATION: sequence set forth in SEQ ID NO:51
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: Oligonucleotide corresponding to conserved amino
; OTHER INFORMATION: acid sequence set forth in SEQ ID NO:51
US-09-360-545-62
Query Match 0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1274 GCATCTCGATCTGCTCCTC 1292
||| ||||| ||||| |||||
Db 19 GCATCTCCAGCAGCTCCTC 1
||| ||||| ||||| |||||
RESULT 289

```
US-09-422-978-5690/c
; Sequence 5690, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5690
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-6141 for SEQ 1756,
US-09-422-978-5690
Query Match      0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1436 AGTCCACGAGAGGAGAA 1454
Db 20 AAGTCACAGAGACTAGAA 2

RESULT 290
US-09-422-978-6821
; Sequence 6821, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6821
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-19624 for SEQ 2887,
US-09-422-978-6821
Query Match      0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1425 GGAGAGAGAGAGAGTACC 1443
Db 1 GGAGGAGAGAGAGTACC 19
```

```
RESULT 291
US-10-139-842B-40
; Sequence 40, Application US/10139842B
; Patent No. 6620623
; GENERAL INFORMATION:
; APPLICANT: The University of Chicago
; APPLICANT: Yerushov, Gennadiy
; APPLICANT: Alferov, Oleg
; APPLICANT: Kukhtin, Alexander
; TITLE OF INVENTION: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY
; TITLE OF INVENTION: POSITIONING
; FILE REFERENCE: ANL-IN-01-052
; CURRENT APPLICATION NUMBER: US/10/139,842B
; CURRENT FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: Patent version 3.2
; SEQ ID NO 40
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Completely Synthesized
US-10-139-842B-40
Query Match      0.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1080 AGATTTCAGCTCCACATCAG 1100
Db 1 ATATTTCAGCTCCATAGTAG 21

RESULT 292
US-08-291-932A-258
; Sequence 258, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
```

```

; ATTORNEY/AGENT INFORMATION:
;   NAME: Warburg, Richard J.
;   REGISTRATION NUMBER: 32,327
;   REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (213) 489-1600
;   TELEFAX: (213) 955-0440
;   TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 258:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 15 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
; US-08-291-932A-258

Query Match      0.7%; Score 14; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 997 AGGACATATGAGAC 1010
Db 1 AGGACAUAGAGAC 14

RESULT 293
US-09-920-760-19/c
; Sequence 19, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-19

Query Match      0.7%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1337 AGGAGGGAGAGGGG 1350
Db 16 AGGAGGGAGAGGGG 3

RESULT 294
US-09-489-869-27
; Sequence 27, Application US/09489869A
; Patent No. 6268151
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
; FILE REFERENCE: RTS-0110
; CURRENT APPLICATION NUMBER: US/09/489,869A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-869-27

```

```

Query Match      0.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1672 TGCTGGGTGAGCTC 1685
Db 6 TGCTGGGTGAGCTC 19

RESULT 295
US-09-659-791A-44/c
; Sequence 44, Application US/09659791A
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Preier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-44

Query Match      0.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1680 GAGCTCTTCCAGGA 1693
Db 16 GAGCTCTTCCAGGA 3

RESULT 296
US-09-198-452A-1984
; Sequence 1984, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1984
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1984

Query Match      0.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1683 CTCCTCCAGGAGCC 1696
Db 1 CTCCTCCAGGAGCC 14

RESULT 297
US-08-373-124A-1058/c
; Sequence 1058, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.

```



```
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2402:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2402

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.8e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 419 CAAGTGTGTGAAACTT 435
Db 1 CAACUGCUUGAACUU 17

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1595
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-1595

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1579 ATATTTTCTATTCTCT 1595
Db 17 AAATGTTCTATTCTCT 1

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1263
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-1263

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1579 ATATTTTCTATTCTCT 1595
Db 17 AAATGTTCTATTCTCT 1

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1263
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-1263

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1579 ATATTTTCTATTCTCT 1595
Db 17 AAATGTTCTATTCTCT 1
```

```
RESULT 301
US-08-679-645-678
; Sequence 678, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
```

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-678

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.8e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1941 CTTCCCACTGGCCTCAA 1957
1 CUUCCCAUUGGCCUCCA 17

RESULT 302

US-08-679-645-886
Sequence 886, Application US/08679645
Patent No. 6350934

GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent B.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION

TITLE OF INVENTION: IN PLANTS

NUMBER OF SEQUENCES: 1263

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/679,645

FILING DATE: July 12, 1996

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 886:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-886

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 2.8e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 1580 TATTTTCTATTCTCTG 1596
1 UAUUUUUAUUUUUCUG 17

RESULT 303

US-09-371-772B-947

Sequence 947, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions

FILE REFERENCE: MBH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 947

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-947

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.8e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 419 CAAGTGTCTGAAACTT 435
1 CACUCGUUUGAAACUU 17

RESULT 304

US-09-371-772B-2390/c

Sequence 2390, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions

FILE REFERENCE: MBH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2390

LENGTH: 17

JS-09-371-772B-4758

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.8e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 477 CCTGCACCATGCAAGA 493
||:|||||
Db 1 CCUGACCAAGCAAGA 17

RESULT 309

US-09-371-772B-5394/c
; Sequence 5394, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Vascular Endothelial Growth Factor Receptor

; FILE REFERENCE: MBH00.876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 5394

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

JS-09-371-772B-5394

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Yy 349 GTTGTGAGGACTGTCC 365
|||
Db 17 GGTGAGAGGACTGTCC 1

RESULT 310

JS-09-866-108A-6562
; Sequence 6562, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6562
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6562

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1011 ACCTGTGGCCCTGGATA 1027
|||
Db 1 ACCTGTGGCCCTGGATA 17

RESULT 311

US-09-866-108A-7084

; Sequence 7084, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 7084

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-7084

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1455 AACCAAGGAGGAGAGC 1471
DB 1 AGCCAAGGAGGAGAGC 17

RESULT 312

US-09-866-108A-8667
Sequence 8667, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 8667

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-8667

Query Match 0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1454 AAACCAAGGAGGAGAG 1470
DB 1 AAGCAAGAGGAGAG 17

RESULT 313

US-09-866-108A-8668
Sequence 8668, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

```
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8944
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8944

Query Match      0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1682 GCTCTCCAGGAGCCAC 1698
Db      17 GCTCTCCAGGAGCCGC 1

RESULT 315
JS-09-866-108A-8947/c
; Sequence 8947, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8947
; LENGTH: 17
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
; US-09-866-108A-8947

Query Match      0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1679 TGAGCTCTTCCAGGAGC 1695
Db      17 TCAGCTCTTCCAGGCGC 1

RESULT 316
5240847-22
; Patent No. 5240847
; APPLICANT: HECKL, KONRAD; SPEVAK, WALTER; OSTERMANN, ELINBOERG;
; ZOPHEL, ANDREAS; KRISTEK, EDELTRAUD; MAURER-FOGY, INGRID;
; WICHE-CASTANON, MARIA J.; STRATOWA, CHRISTIAN; HAUPTMANN, RUDOLF
; TITLE OF INVENTION: HUMAN MANGANESE SUPEROXIDE DISMUTASE
; (HMN-SOD)
; NUMBER OF SEQUENCES: 34
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/167,261
; FILING DATE: 11-MAR-1988
; SEQ ID NO:22:
; LENGTH: 17
; 5240847-22

Query Match      0.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 810 GGAGATGTTCCAGCCTA 826
Db      1 GGAGATGTTACAGCCCA 17

RESULT 317
US-08-105-483-101
; Sequence 101, Application US/08105483
; Patent No. 5494807
; GENERAL INFORMATION:
; APPLICANT: Proletti, Enzo
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; TITLE OF INVENTION: STRAIN
; NUMBER OF SEQUENCES: 462
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/105,483
; FILING DATE: 12-AUG-1993
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/847,951
; FILING DATE: 06-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2400
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
```

; INFORMATION FOR SEQ ID NO: 101:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-105-483-101

Query Match 0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2067 CTTTGTAATAAATGGT 2083
|||||
Db 2 CTTTGTAATAATGAT 18

RESULT 318

US-08-709-209-101
; Sequence 101, Application US/08709209
; Patent No. 5762938
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; TITLE OF INVENTION: STRAIN
; NUMBER OF SEQUENCES: 462
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,209
; FILING DATE: 21-AUG-1996
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/105,483
; FILING DATE: 12-AUG-1993
; APPLICATION NUMBER: US 07/847,951
; FILING DATE: 06-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2400
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 101:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-709-209-101

Query Match 0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2067 CTTTGTAATAAATGGT 2083
|||||
Db 2 CTTTGTAATAATGAT 18

RESULT 319

US-08-458-101-101
; Sequence 101, Application US/08458101
; Patent No. 5766599
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Perkus, Marion E.
; APPLICANT: Taylor, Jill
; APPLICANT: Tartaglia, James
; APPLICANT: No. 5766599ton, Elizabeth K.
; APPLICANT: Riviere, Michel
; APPLICANT: de Taisne, Charles
; APPLICANT: Limbach, Keith J.
; APPLICANT: Johnson, Gerard P.
; APPLICANT: Pincus, Steven E.
; APPLICANT: Cox, William I.
; APPLICANT: Audonnet, Jean-Christophe Francis
; APPLICANT: Gettig, Russell Robert
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; TITLE OF INVENTION: STRAIN
; NUMBER OF SEQUENCES: 467
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,101
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2740
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 101:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-458-101-101

Query Match 0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2067 CTTTGTAATAAATGGT 2083
|||||
Db 2 CTTTGTAATAATGAT 18

RESULT 320

US-09-205-922-23/c
; Sequence 23, Application US/09205922
; Patent No. 5951455
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
; FILE REFERENCE: RTS-0030
; CURRENT APPLICATION NUMBER: US/09/205,922
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 23

; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
JS-09-205-922-23

Query Match 0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 321 GTACAGCAAGCAGATGC 337
DB 18 GTTCATCAAGCAGATGC 2

RESULT 321
JS-08-994-824-7/c
; Sequence 7, Application US/08994824
; Patent No. 6008400
; GENERAL INFORMATION:
; APPLICANT: Scaringe, Stephen A.
; APPLICANT: Caruthers, Marvin H.
; TITLE OF INVENTION: NOVEL PROTECTING GROUPS AND USE THEREOF
; TITLE OF INVENTION: IN AN IMPROVED PROCESS FOR OLIGONUCLEOTIDE SYNTHESIS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dan Cleveland, Jr.
; STREET: 1790 30th Street, Suite 140
; CITY: Boulder
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80301

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/994,824
; FILING DATE:

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/488,878
; FILING DATE:

; ATTORNEY/AGENT INFORMATION:
; NAME: Cleveland, Dan
; REGISTRATION NUMBER: 36,106
; REFERENCE/DOCKET NUMBER: 9028/103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303)449-9497
; TELEFAX: (303)449-0814
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (synthetic)
JS-08-994-824-7

Query Match 0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 268 AGCGATGACTACTCTAA 284
DB 18 AGCGATGACTACTCTAA 2

RESULT 322
US-09-205-143-57/c
; Sequence 57, Application US/09205143

; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: RTS-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 57
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-57

Query Match 0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1135 TACCTGGAGAGATCAA 1151
DB 18 TACCTGGAGAGATCAA 2

RESULT 323
US-09-306-595C-15
; Sequence 15, Application US/09306595C
; Patent No. 6284506
; GENERAL INFORMATION:
; APPLICANT: HOSHINO, Tatsuo
; APPLICANT: OTJIMA, Kazuyuki
; APPLICANT: SETOGUCHI, Yutaka
; TITLE OF INVENTION: ISOPRENOID PRODUCTION
; FILE REFERENCE: ISOPRENOID PRODUCTION
; CURRENT APPLICATION NUMBER: US/09/306,595C
; CURRENT FILING DATE: 1999-05-06
; PRIOR APPLICATION NUMBER: 98108210
; PRIOR FILING DATE: 1998-05-06
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sense primer
; OTHER INFORMATION: for cloning of small EcoRI portion of HMC gene
US-09-306-595C-15

Query Match 0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1466 AGAAGCCAGAGCCAAA 1482
DB 1 AGAAGCCAGAGAGAAA 17

RESULT 324
US-08-866A-15
; Sequence 15, Application US/08884866A
; GENERAL INFORMATION:
; APPLICANT: Chien, Shu
; APPLICANT: Shyy, John Y-J
; TITLE OF INVENTION: GENE THERAPY IN CORONARY ANGIOPLASTY AND
; FILE REFERENCE: BYPASS
; FILE REFERENCE: UCSD1100-1
; CURRENT APPLICATION NUMBER: US/08/884,866A
; CURRENT FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: 60/030,358
; PRIOR FILING DATE: 1996-11-08
; NUMBER OF SEQ ID NOS: 25

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer sequence at the 5' end of the p21 Ras.
US-08-884-866A-15

Query Match          0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1248 TGAGGACGAGACGACC 1264
Db      2 TGTGGACGATACGACC 18

RESULT 325
US-09-167-109-135
; Sequence 135, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAP EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 135
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-135

Query Match          0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1218 TGAGGACGCGCATCCCTG 1234
Db      2 TGAGCAGCGCATCACTG 18

RESULT 326
US-09-422-978-3943/C
; Sequence 3943, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 3943
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
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; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-1217 for SEQ 9,
US-09-422-978-3943

Query Match          0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 907 GCCAAGTGTGTGGAATT 923
Db      18 GACAAGTGTGTGGAAT 2

RESULT 327
US-09-925-388-15
; Sequence 15, Application US/09925388
; Patent No. 6586202
; GENERAL INFORMATION:
; APPLICANT: HOSHINO, Tatsuo
; APPLICANT: OJIMA, Kazuyuki
; APPLICANT: SETOGUCHI, Yutaka
; TITLE OF INVENTION: ISOPRENOID PRODUCTION
; FILE REFERENCE: ISOPRENOID PRODUCTION
; CURRENT APPLICATION NUMBER: US/09/925,388
; CURRENT FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 09/306,595
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sense primer
; OTHER INFORMATION: for cloning of small EcoRI portion of HMC gene
US-09-925-388-15

Query Match          0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1466 AGAGCCGAGAGCCAAA 1482
Db      1 AGAAGCCGAGAGAGAA 17

RESULT 328
US-09-913-514-20
; Sequence 20, Application US/09913514
; Patent No. 6653069
; GENERAL INFORMATION:
; APPLICANT: GOMI, Yasuyuki
; APPLICANT: SUNAMACHI, Hiroki
; APPLICANT: TAKAHASHI, Michiaki
; APPLICANT: YAMANISHI, Koichi
; TITLE OF INVENTION: Method for Quality Control of an Attenuated Varicella Live Vacci...
; FILE REFERENCE: 0216-0454P
; CURRENT APPLICATION NUMBER: US/09/913,514
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: PCT/JP01/00678
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: JP 2000-62734
; PRIOR FILING DATE: 2000-01-31
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Varicella virus
; FEATURE:
US-09-913-514-20
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```
Query Match          0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 751 GACGGGATTGATGACGA 767
    ||||| ||||| ||||| |||||
Db 2 GACGGGATTGACGACGA 18

RESULT 329
PCT-US96-09915-7/c
; Sequence 7, Application PC/TUS9609915
; GENERAL INFORMATION:
; APPLICANT: Scaringe, Stephen A.
; APPLICANT: Caruthers, Marvin H.
; TITLE OF INVENTION: NOVEL PROTECTING GROUPS AND USE THEREOF
; TITLE OF INVENTION: IN AN IMPROVED PROCESS FOR OLIGONUCLEOTIDE SYNTHESIS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Steven C. Petersen
; STREET: 1900 Fifteenth Street
; CITY: Boulder
; STATE: CO
; COUNTRY: USA
; ZIP: 80302
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09915
; FILING DATE: 07-JUN-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/488,878
; FILING DATE: 09-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Petersen, Steven C.
; REGISTRATION NUMBER: 36,238
; REFERENCE/DOCKET NUMBER: file no. 16840-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303-546-1300
; TELEFAX: 303-449-5426
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "RNA (synthetic)"
PCT-US96-09915-7

Query Match          0.7%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 268 AGCGATGACTACTTAA 284
    ||||| ||||| ||||| |||||
Db 18 AGCGATGACTACTTAA 2

RESULT 330
US-08-050-073-98/c
; Sequence 98, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
```

```
; APPLICANT: Scharf, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
; TITLE OF INVENTION: Typing
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,073
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8769
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 98:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
US-08-050-073-98

Query Match          0.7%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1491 GGAGGAGGTCAAGTTGG 1507
    ||||| ||||| ||||| |||||
Db 19 GGAGGAGGTCAAGTTGG 3

RESULT 331
US-08-642-684-8
; Sequence 8, Application US/08642684
; Patent No. 5834253
; GENERAL INFORMATION:
; APPLICANT: HONG, GUO FAN
; APPLICANT: FENG, ZHAI
; APPLICANT: HUANG, WEI-HUA
; TITLE OF INVENTION: A NEW DNA POLYMERASE WITH PROOF-READING
; TITLE OF INVENTION: 3'-5' EXONUCLEASE ACTIVITY
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
; STREET: 1100 NEW YORK AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/642,684
; FILING DATE: 03-MAY-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
```



```
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7755
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-23824 for SEQ 3821,
US-09-422-978-7755

Query Match          0.7%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1726 CTTGAACCAATAAGGG 1742
Db 19 CTTGAACCAATAAGGG 3

RESULT 336
US-09-422-978-9216/c
; Sequence 9216, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET:020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9216
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-23204 for SEQ 1351, in complement
US-09-422-978-9216

Query Match          0.7%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1460 AGGAGGAGGAGCCAGGA 1476
Db 17 AGGAGGAGGAGTAAGAA 1

RESULT 337
US-07-958-140-11/c
; Sequence 11, Application US/07958140
; Patent No. 5489525
; GENERAL INFORMATION:
; APPLICANT: Pastan, Ira H.
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES TO PROSTATE CELLS
```

```
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend
; STREET: One Market Plaza, Steuart Street Tower
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94105-1492
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/958,140
; FILING DATE: 19921008
; CLASSIFICATION: 436
; ATTORNEY/AGENT INFORMATION:
; NAME: Parmelee, Steven W.
; REGISTRATION NUMBER: 31,990
; REFERENCE/DOCKET NUMBER: 15280-77
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 467-9600
; TELEFAX: (415) 543-5043
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-07-958-140-11

Query Match          0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1097 TCAGTCCTTCCAAATG 1113
Db 17 TCAGTCCTTCCCAATG 1

RESULT 338
US-08-478-470-8/c
; Sequence 8, Application US/08478470
; Patent No. 5531607
; GENERAL INFORMATION:
; APPLICANT: GRYAZNOV, SERGEI
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: N3'-PS' PHOSPHORAMIDATES:
; TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro
; ADDRESSEE: Huddleson & Ratum
; STREET: 5 Palo Alto Square
; STREET: 3000 El Camino Real
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,470
; FILING DATE: June 6, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: John D. Mendlein
```



```
;
; REGISTRATION NUMBER: 38,770
; REFERENCE/DOCKET NUMBER: LYNX-005/02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5020
; TELEFAX: (415) 857-0663
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; US-08-478-470-8
;
; Query Match 0.7%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 4.1e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; Qy 1601 TTTATATATAAAATTTAT 1617
; Db 20 TATATATAAAATATAT 4
;
; RESULT 339
; US-08-214-599-8/c
; Sequence 8, Application US/08214599
; Patent No. 559922
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-p5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/214,599
; FILING DATE:
; CLASSIFICATION: 514
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; US-08-214-599-8
;
; Query Match 0.7%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 4.1e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; Qy 1601 TTTATATATAAAATTTAT 1617
; Db 20 TATATATAAAATATAT 4
;
; RESULT 340
; US-08-473-015-8/c
; Sequence 8, Application US/08473015
; Patent No. 5631135
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-p5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,015
```

```
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,599
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; US-08-473-015-8
;
Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
2y 1601 TTTATATATAAAATTTAT 1617
Db 20 TATATATAAAATATAT 4
```

```
RESULT 341
US-08-480-552-21/c
; Sequence 21, Application US/08480552
; Patent No. 5665530
; GENERAL INFORMATION:
; APPLICANT: Gudkov, Andrei
; TITLE OF INVENTION: Genes And Genetic Elements Associated
; WITH SENSITIVITY TO CHEMOTHERAPEUTIC DRUGS
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 75 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

```
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,552
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/033,086
; FILING DATE: 09 MAR 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Keown, Wayne A.
; REGISTRATION NUMBER: 33,923
; REFERENCE/DOCKET NUMBER: 93,354
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/345-9100
; TELEFAX: 617/345-9111
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-480-552-21
;
Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 775 GAGGCCATTTCAAGCC 791
Db 20 GAGCTCATTTCAAGCC 4
```

```
RESULT 342
US-08-339-912-2
; Sequence 2, Application US/08339912
; Patent No. 5670320
; GENERAL INFORMATION:
; APPLICANT: Wallace, Douglas C.
; TITLE OF INVENTION: DETECTION OF MITOCHONDRIAL DNA MUTATION
; ASSOCIATED WITH DYSTONIA AND/OR LEBER'S HEREDITARY OPTIC
; NEUROPATHY
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/339,912
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Selby, Elizabeth
; REGISTRATION NUMBER: P38,298
; REFERENCE/DOCKET NUMBER: 0510.043
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
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; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: other nucleic acid
 US-08-339-912-2

Query Match 0.7%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 4.1e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 262 TACCACGCGTGACTA 278
 ||| ||||| ||||| |||||
 Db 4 TACTACGCGTGACTA 20

RESULT 343

US-08-089-996-50
 ; Sequence 50, Application US/08089996
 ; Patent No. 5703054

; GENERAL INFORMATION:
 ; APPLICANT: Nicholas Dean, C. Frank Bennett
 ; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
 ; NUMBER OF SEQUENCES: 62
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn Kurtz
 ; ADDRESSEE: Mackiewicz & No. 5703054ris
 ; STREET: One Liberty Place - 46th Floor
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: USA
 ; ZIP: 19103

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PS/2
 ; OPERATING SYSTEM: PC-DOS
 ; SOFTWARE: WORDPERFECT 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/089,996
 ; FILING DATE: 19930709

; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 852,852
 ; FILING DATE: March 16, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Rebecca Ralph Gaumond
 ; REGISTRATION NUMBER: 35,152
 ; REFERENCE/DOCKET NUMBER: ISIS-1154
 ; TELEPHONE: (215) 568-3100
 ; TELEFAX: (215) 568-3439
 ; INFORMATION FOR SEQ ID NO: 50:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

ANTI-SENSE: yes

US-08-089-996-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 4.1e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962
 | ||||| ||||| |||||
 Db 1 AGGCTGATGCTGGGAAG 17

RESULT 344

US-08-089-996-62
 ; Sequence 62, Application US/08089996
 ; Patent No. 5703054

; GENERAL INFORMATION:
 ; APPLICANT: Nicholas Dean, C. Frank Bennett
 ; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
 ; NUMBER OF SEQUENCES: 62
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn Kurtz
 ; ADDRESSEE: Mackiewicz & No. 5703054ris
 ; STREET: One Liberty Place - 46th Floor
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: USA
 ; ZIP: 19103

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/089,996

FILING DATE: 19930709

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 852,852

FILING DATE: March 16, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Rebecca Ralph Gaumond

REGISTRATION NUMBER: 35,152

REFERENCE/DOCKET NUMBER: ISIS-1154

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 62:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

ANTI-SENSE: yes

US-08-089-996-62

Query Match

0.7%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.1e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962

| ||||| ||||| |||||

Db 2 AGGCTGATGCTGGGAAG 18

RESULT 345

US-08-465-368-8/c
 ; Sequence 8, Application US/08465368
 ; Patent No. 5726297

GENERAL INFORMATION:

APPLICANT: Gryaznov, Sergei

APPLICANT: Schultz, Ronald G.

APPLICANT: Chen, Jer-Kang

TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE

TITLE OF INVENTION: N3'PS'PHOSPHORAMIDATES: USES AND

COMPOSITIONS THEREOF

NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dehlinger & Associates

STREET: P.O. Box 60850

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94306-0850

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

```

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465.368
FILING DATE: 05-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/210,505
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0013
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRAINEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..2
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 3..4
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: is "np"
PS-08-465-368-8

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Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1601 TTTATATAAAATTAT 1617
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Db 20 TATATATAAAATATAT 4

RESULT 346
US-08-477-306-8/c
; Sequence 8, Application US/08477306
; Patent No. 5837835
; GENERAL INFORMATION:

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1  ZIP: 94306-0850
2  COMPUTER READABLE FORM:
3  MEDIUM TYPE: Floppy disk
4  COMPUTER: IBM PC compatible
5  OPERATING SYSTEM: PC-DOS/MS-DOS
6  SOFTWARE: PatentIn Release #1.0, Version #1.25
7  CURRENT APPLICATION DATA:
8  APPLICATION NUMBER: US/08/477,306
9  FILING DATE: 06-JUN-1995
10 CLASSIFICATION: 514
11 PRIOR APPLICATION DATA:
12 APPLICATION NUMBER: 08/214,599
13 FILING DATE: 18-MAR-1994
14 ATTORNEY/AGENT INFORMATION:
15 NAME: Fabian, Gary R.
16 REGISTRATION NUMBER: 33,875
17 REFERENCE/DOCKET NUMBER: 5525-0012
18 TELECOMMUNICATION INFORMATION:
19 TELEPHONE: (415) 324-0880
20 TELEFAX: (415) 324-0960
21 INFORMATION FOR SEQ ID NO: 8:
22 SEQUENCE CHARACTERISTICS:
23 LENGTH: 20 base pairs
24 TYPE: nucleic acid
25 STRANDEDNESS: both
26 TOPOLOGY: linear
27 MOLECULE TYPE: DNA
28 HYPOTHETICAL: NO
29 ANTI-SENSE: NO
30 ORIGINAL SOURCE:
31 INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
32 FEATURE:
33 NAME/KEY: misc_feature
34 LOCATION: 1..2
35 OTHER INFORMATION: /note= "where the intersubunit bond
36 OTHER INFORMATION: is "rp"
37 FEATURE:
38 NAME/KEY: misc_feature
39 LOCATION: 3..4
40 OTHER INFORMATION: /note= "where the intersubunit bond
41 OTHER INFORMATION: is "rp"
42 FEATURE:
43 NAME/KEY: misc_feature
44 LOCATION: 5..6
45 OTHER INFORMATION: /note= "where the intersubunit bond
46 OTHER INFORMATION: is "rp"
47 FEATURE:
48 NAME/KEY: misc_feature
49 LOCATION: 7..8
50 OTHER INFORMATION: /note= "where the intersubunit bond
51 OTHER INFORMATION: is "rp"
52 US-08-477-306-8

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Query Match	0.7%	Score	13.8;	DB	1;	Length	20;
Best Local Similarity	88.2%	Pred. No.	4.1e+02;				
Matches	15;	Conservative	0;	Mismatches	2;	Indels	

QY 1601 TTTATATAAAAAATTAT 1617
| | | | | | | | | |
Db 20 TATATATAAAAAATATAT 4

RESULT 347

KASOUI 34 /
 US-08-531-927B-14
 ; Sequence 14, Application US/08531927B
 ; Patent No. 5840491
 ; GENERAL INFORMATION:
 ; APPLICANT: Kakizuka, Akira
 ; TITLE OF INVENTION: DNA Sequence Encoding the Machado-Joseph
 ; Patent No. 5840491
 ; TITLE OF INVENTION: Disease Gene and Uses Thereof
 ; NUMBER OF SEQUENCES: 23
 ; CORRESPONDENCE ADDRESS:
 ;

RESULT 348
US-08-173-489C-17
Sequence 17, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:

US-08-650-598-10/C
Sequence 10, Application US/08650598
Patent No. 5877020
GENERAL INFORMATION:
APPLICANT: Alitalo, Kari
TITLE OF INVENTION: Promoter of the Receptor Tyrosine Kinase, TIE
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/650,598
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/310,717
FILING DATE: 22-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 28113/33245
TELECOMMUNICATION INFORMATION:

TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-650-598-10

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1849 TAGAGGGGTGGCTGGG 1865
Db 17 TAGGAGGGTGGCAGG 1

RESULT 350

US-08-478-178A-50
Sequence 50, Application US/08478178A
Patent No. 5882927

GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
Kinase C
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 121

CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSER: Mackiewicz & No. 5882927ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,178A
FILING DATE: herewith
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes

US-08-478-178A-50
Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 946 ATGCTGATGCTGGGAGG 962
Db 1 AGGCTGATGCTGGGAG 17

RESULT 351

US-08-478-178A-62
Sequence 62, Application US/08478178A
Patent No. 5882927

GENERAL INFORMATION:

APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
Kinase C
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 121

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSER: Mackiewicz & No. 5882927ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/478,178A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes

US-08-478-178A-62
Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 946 ATGCTGATGCTGGGAGG 962
Db 2 AGGCTGATGCTGGGAG 18

RESULT 352

US-08-488-177-50
Sequence 50, Application US/08488177
Patent No. 5885970

GENERAL INFORMATION:

APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
Kinase C
TITLE OF INVENTION: Protein Kinase C
NUMBER OF SEQUENCES: 121

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSER: Mackiewicz & No. 5885970ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,177
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1995
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-488-177-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AGGCTGATGCTGGGAAG 17

RESULT 353
US-08-488-177-62
Sequence 62, Application US/08488177
Patent No. 5885970
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
Protein Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5885970ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,177
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1995
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-488-177-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962
| | | | | | | | | | | | | | | | | | | | | |
Db 2 AGGCTGATGCTGGGAAG 18

RESULT 354
US-08-481-072A-50
Sequence 50, Application US/08481072A
Patent No. 5916807
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
Protein Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5916807ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,072A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-481-072A-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AGGCTGATGCTGGGAAG 17

RESULT 355

JS-08-481-072A-62
; Sequence 62, Application US/08481072A
; Patent No. 5916807
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; Kinase C
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5916807ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,072A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-481-072A-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962
Db 2 AGGCTGATGCTGGGAAG 18

RESULT 356
US-08-664-336-50
; Sequence 50, Application US/08664336
; Patent No. 5922686
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5922686ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/664,336
; FILING DATE: herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 089,996
; FILING DATE: July 9, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2345
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-664-336-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962
Db 1 AGGCTGATGCTGGGAAG 17

RESULT 357
US-08-664-336-62
; Sequence 62, Application US/08664336
; Patent No. 5922686
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5922686ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/664,336
; FILING DATE: herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 089,996
; FILING DATE: July 9, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2345
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100


```
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
US-08-664-336-62

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      946 ATGCTGATGCTGGGAGG 962
Db      1 AGGCTGATGCTGGGAAG 17

RESULT 358
US-08-481-066A-50
; Sequence 50, Application US/08481066A
; Patent No. 5959096
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein Kinase C
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5959096ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481.066A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
US-08-481-066A-62

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      946 ATGCTGATGCTGGGAGG 962
Db      2 AGGCTGATGCTGGGAAG 18

RESULT 360
US-08-700-448-8/c
; Sequence 8, Application US/08700448
; Patent No. 5965720
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei et al.
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/700,448
FILING DATE: 01/10/97
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Vincent M. Powers
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0012.10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..2
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 3..4
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
US-08-700-448-8
Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1601 TTTATATAAAATTTAT 1617
| | | | | | | | | | | | | | | | | | | | | |
Db 20 TATATATAAAATATAT 4

RESULT 361
US-08-193-039B-2
Sequence 2, Application US/08193039B
Patent No. 5981176
GENERAL INFORMATION:
APPLICANT: Wallace, R. Bruce
TITLE OF INVENTION: Method of Detecting and
TITLE OF INVENTION: Discriminating Between Nucleic Acid Sequences
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: City of Hope
STREET: 1500 East Duarte Road
CITY: Duarte
STATE: California
COUNTRY: United States of America
ZIP: 91010-0269
COMPUTER READABLE FORM:

MEDIUM TYPE: 3M High Density 3 1/2" diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS (R) Version 3.30
SOFTWARE: Microsoft (R)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/193,039B
FILING DATE: 04 February 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/05133
FILING DATE: 17 June 1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: E. Anthony Figs
REGISTRATION NUMBER: 27,195
REFERENCE/DOCKET NUMBER: 2124-108
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 783-6040
TELEFAX: (202) 783-6031
TELEX: No. 5981176e
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleotide
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-193-039B-2
Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1419 CCCAGAGGAGAGAAAG 1435
| | | | | | | | | | | | | | | | | | | | | |
Db 4 CCAAGAGGAGAGAAATG 20

RESULT 362
US-08-578-615A-50
Sequence 50, Application US/08578615A
Patent No. 6015892
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
NUMBER OF SEQUENCES: 122
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892Iris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,615A
FILING DATE: 11-JAN-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1568
TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
US-08-578-615A-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962
Db 1 AGGCTGATGCTGGGAAG 17
|||||

RESULT 363

US-08-578-615A-62
; Sequence 62, Application US/08578615A
; Patent No. 6015892
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103

COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

; SOFTWARE: WORDPERFECT 6.1

CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/578,615A

; FILING DATE: 11-JAN-1996

CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 852,852

; FILING DATE: 16-MAR-1992

; APPLICATION NUMBER: 08/089,996

; FILING DATE: 09-JUL-1993

; APPLICATION NUMBER: 08/199,779

; FILING DATE: 22-FEB-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Paul K. Legaard

; REGISTRATION NUMBER: 38,534

; REFERENCE/DOCKET NUMBER: ISIS-1568

TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-3100

; TELEFAX: (215) 568-3439

; INFORMATION FOR SEQ ID NO: 62:

SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear.

; ANTI-SENSE: Yes

US-08-578-615A-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962
|||||

Db 2 AGGCTGATGCTGGGAAG 18

RESULT 364

US-09-344-001-11/c

; Sequence 11, Application US/09344001

; Patent No. 6054440

GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Lex M. Cowseert

; TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE

; FILE REFERENCE: RTS-0067

; CURRENT APPLICATION NUMBER: US/09/344,001

; CURRENT FILING DATE: 1999-06-24

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 11

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-344-001-11

Query Match 0.7%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.1e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 601 GGTGACGGCGCTGGGAAG 617

|||||

Db 17 GGTGGCGCGGGGAAGA 1

RESULT 365

US-09-120-853-14

; Sequence 14, Application US/09120853

; Patent No. 6057437

GENERAL INFORMATION:

; APPLICANT: Kamiya, Kinya

; APPLICANT: Matsuda, Yoko

; APPLICANT: Uchida, Kiyoshi

; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND

; FILE REFERENCE: 07898/030001

; CURRENT APPLICATION NUMBER: US/09/120,853

; CURRENT FILING DATE: 1998-07-21

; EARLIER APPLICATION NUMBER: JP 213838/1997

; EARLIER FILING DATE: 1997-07-25

; NUMBER OF SEQ ID NOS: 21

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 14

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Artificial

; OTHER INFORMATION: nucleic acid sequence

US-09-120-853-14

Query Match 0.7%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.1e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1399 GAGGATGAAAAAGAGAA 1415

|||||

Db 4 GAGGAGGAAGAGAGAA 20

RESULT 366

US-08-929-208-21/c

; Sequence 21, Application US/08929208

; Patent No. 6060244

GENERAL INFORMATION:

; APPLICANT: Gudkov, Andrei

; APPLICANT: Robinson, Igor B.

;; TITLE OF INVENTION: Genes And Genetic Elements Associated
;; TITLE OF INVENTION: With Sensitivity To Chemotherapeutic Drugs

;; NUMBER OF SEQUENCES: 22

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Allegretti & Witcoff, Ltd.

;; STREET: 75 State Street

;; CITY: Boston

;; STATE: Massachusetts

;; COUNTRY: U.S.A.

;; ZIP: 02109

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk

;; COMPUTER: IBM PC compatible

;; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: Patent In Release #1.0, Version #1.25

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/929,208

;; FILING DATE:

;; CLASSIFICATION:

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: 08/480,552

;; FILING DATE:

;; ATTORNEY/AGENT INFORMATION:

;; NAME: Keown, Wayne A.

;; REGISTRATION NUMBER: 33,923

;; REFERENCE/DOCKET NUMBER: 93,354

;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: 617/345-9100

;; TELEFAX: 617/345-9111

;; INFORMATION FOR SEQ ID NO: 21:

;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 20 base pairs

;; TYPE: nucleic acid

;; STRANDEDNESS: single

;; TOPOLOGY: linear

;; MOLECULE TYPE: cDNA

;; HYPOTHETICAL: NO

;; ANTI-SENSE: YES

;; JS-08-929-208-21

Query Match 0.7%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.1e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 GAGGCCATTTTCAAGCC 791

Db 20 GAGCTCATTTTCAAGCC 4

RESULT 367

US-09-253-691-1

;; Sequence 1, Application US/09253691

;; Patent No. 6124100

;; GENERAL INFORMATION:

;; APPLICANT: Dong Kyu JIN

;; TITLE OF INVENTION: Diagnostic Method and Kit for Neuropsychiatric Diseases

;; FILE OF INVENTION: Using Trinucleotide Repeats Sequence

;; FILE REFERENCE: 1942/36

;; CURRENT APPLICATION NUMBER: US/09/253,691

;; CURRENT FILING DATE: 1999-02-22

;; EARLIER APPLICATION NUMBER: KR 98-6,278

;; EARLIER FILING DATE: 1996-02-26

;; NUMBER OF SEQ ID NOS: 3

;; SOFTWARE: WordPerfect 6.1/Windows

;; SEQ ID NO 1

;; LENGTH: 20

;; TYPE: DNA

;; ORGANISM: human

;; US-09-253-691-1

Query Match

Best Local Similarity 0.7%; Score 13.8; DB 1; Length 20;

Pred. No. 4.1e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1053 CAATGACTACTTTGAAT 1069

Db 2 CAGTGACTACTTTGATT 18

RESULT 368

US-09-287-796-112/c

;; Sequence 112, Application US/09287796A

;; Patent No. 6133246

;; GENERAL INFORMATION:

;; APPLICANT: McKay, Robert A.

;; APPLICANT: Dean, Nicholas M.

;; APPLICANT: Monia, Brett

;; APPLICANT: Gaarde, William A.

;; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS

;; FILE REFERENCE: ISPH-0350

;; CURRENT APPLICATION NUMBER: US/09/287,796A

;; CURRENT FILING DATE: 1999-04-07

;; EARLIER APPLICATION NUMBER: 09/130,616

;; EARLIER FILING DATE: 1998-08-07

;; EARLIER APPLICATION NUMBER: 08/910,629

;; EARLIER FILING DATE: 1997-08-03

;; NUMBER OF SEQ ID NOS: 165

;; SEQ ID NO 112

;; LENGTH: 20

;; TYPE: DNA

;; ORGANISM: Artificial Sequence

;; FEATURE:

;; OTHER INFORMATION: Synthetic Sequence

;; US-09-287-796-112

Query Match

Best Local Similarity 0.7%; Score 13.8; DB 1; Length 20;

Mismatches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 GCGGAGCGCGGGGGG 19

Db 17 GCGGAGCGCGGAGCAGG 1

RESULT 369

US-08-923-386A-8/c

;; Sequence 8, Application US/08923386A

;; Patent No. 6169170

;; GENERAL INFORMATION:

;; APPLICANT: Gryaznov, Sergei

;; TITLE OF INVENTION: Oligonucleotide N3'-P5'

;; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance

;; NUMBER OF SEQUENCES: 27

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Dehlinger & Associates

;; STREET: P.O. Box 60850

;; CITY: Palo Alto

;; STATE: CA

;; COUNTRY: USA

;; ZIP: 94306-0850

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk

;; COMPUTER: IBM PC compatible

;; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: Patent In Release #1.0, Version #1.25

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/923,386A

;; FILING DATE:

;; CLASSIFICATION: 514

;; ATTORNEY/AGENT INFORMATION:

;; NAME: Fabian, Gary R.

;; REGISTRATION NUMBER: 33,875

;; REFERENCE/DOCKET NUMBER: 5525-0012

TITLE OF INVENTION: Substituted Purines and Oligonucleotide Cross-Linking

FILE REFERENCE: ISIS1152
CURRENT APPLICATION NUMBER: US/09/128,508
CURRENT FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: PCT/US91/00243
PRIOR FILING DATE: 1991-01-11
PRIOR APPLICATION NUMBER: 07/463,358
PRIOR FILING DATE: 1990-01-11
PRIOR APPLICATION NUMBER: 08/189,792
PRIOR FILING DATE: 1994-02-01
PRIOR APPLICATION NUMBER: 08/948,151
PRIOR FILING DATE: 1997-10-09
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6232463el
OTHER INFORMATION: Sequence
US-09-128-508-10

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1244 GCGATGAGGACGAGAC 1260
||||| ||||| ||||| |||||
DB 19 GCGAAGAGGACGAGAC 3

RESULT 374

US-09-038-637-85
Sequence 85, Application US/09038637
Patent No. 6235470
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
NUMBER OF SEQUENCES: 195
CORRESPONDENCE ADDRESS:
ADDRESS: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,637
FILING DATE: 10-MAR-1998

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/579,233
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099

INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

; MOLECULE TYPE: Genomic DNA
US-09-038-637-85

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1053 CAATGACTACTTTGAAT 1069
||||| ||||| ||||| |||||
DB 2 CAGTGACTACTTTGATT 18

RESULT 375

US-09-487-445-145/c
Sequence 145, Application US/09487445
Patent No. 6258600
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
FILE REFERENCE: RTS-0107
CURRENT APPLICATION NUMBER: US/09/487,445
CURRENT FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 145
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-145

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2035 TTTTGAGATACATATTTT 2051
||||| ||||| ||||| |||||
DB 19 TTTTGAGATACATATTT 3

RESULT 376

US-08-943-731-542
Sequence 542, Application US/08943731
Patent No. 6265157
GENERAL INFORMATION:
APPLICANT: PROCKOP, DARWIN J.
APPLICANT: SPOTILA, LORETTA D.
APPLICANT: DELTAS, CONSTANTINOS D.
APPLICANT: SEREDA, LARISA
APPLICANT: LARSON, ANDREA W.
APPLICANT: PACK, MICHAEL
APPLICANT: COLIGE, ALAIN
APPLICANT: EARLY, JAMES
APPLICANT: KORKKO, JARMO
APPLICANT: ALA-KOKKO, LEENA, et al.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
NUMBER OF SEQUENCES: 666
CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
CITY: PHILADELPHIA
STATE: PA
COUNTRY: USA
ZIP: 19103-7086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

```
; APPLICATION NUMBER: US/08/943,731
; FILING DATE: 03-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,322
; FILING DATE: 14-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/803,628
; FILING DATE: 03-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: DOYLE LEARY PH.D., KATHRYN
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9598-27
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 542:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-943-731-542

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1685 CTTCCAGGAGCCACCTT 1701
Db 1 CTTCCAGGAGCTGCCTT 17

RESULT 377
US-09-484-617-19
; Sequence 19, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-19

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1012 GCTGTGGCCCTGGATAC 1028
Db 1 GCTGTGGCCCGGATAC 17

RESULT 378
US-09-568-315-21/c
; Sequence 21, Application US/09568315
; Patent No. 6326488
; GENERAL INFORMATION:
; APPLICANT: Gudkov, Andrei
; APPLICANT: Roninson, Igor B.
; TITLE OF INVENTION: Genes And Genetic Elements Associated
; With Sensitivity To Chemotherapeutic Drugs
```

```
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 75 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/568,315
; FILING DATE: 09-May-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,552
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/929,208
; FILING DATE: 09-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Keown, Wayne A.
; REGISTRATION NUMBER: 33,923
; REFERENCE/DOCKET NUMBER: 93,354
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/345-9100
; TELEFAX: 617/345-9111
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-568-315-21

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 GAGCCGATTTTCAAGCC 791
Db 20 GAGCTCATTTTCAAGCC 4

RESULT 379
US-08-829-637A-50
; Sequence 50, Application US/08829637A
; Patent No. 6339066
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Phillip Dan Cook
; APPLICANT: Nicholas Dean
; APPLICANT: Glenn Hoke
; TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
; TITLE OF INVENTION: PHOSPHOROTHIATE LINKAGES OF HIGH CHIRAL PURITY AND
; TITLE OF INVENTION: WHICH MODULATE a1, a11, , x, n, AND ISOFORMS OF
; TITLE OF INVENTION: PROTEIN KINASE C
; NUMBER OF SEQUENCES: 136
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John W. Caldwell (28,937) Woodcock
; ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/829,637A
  FILING DATE: herewith
  CLASSIFICATION: 514
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: US 08/481,066
    FILING DATE: 07-JUN-1995
  APPLICATION DATA:
    APPLICATION NUMBER: US 08/470,129
    FILING DATE: 06-JUN-1995
  APPLICATION DATA:
    APPLICATION NUMBER: US 07/089,996
    FILING DATE: 09-JUL-1993
  APPLICATION DATA:
    APPLICATION NUMBER: US 08/469,851
    FILING DATE: 06-JUN-1995
  APPLICATION DATA:
    APPLICATION NUMBER: US 08/468,569
    FILING DATE: 06-JUN-1995
  APPLICATION DATA:
    APPLICATION NUMBER: US 07/777,007
    FILING DATE: 16-OCT-1991
  APPLICATION DATA:
    APPLICATION NUMBER: US 07/777,760
    FILING DATE: 15-OCT-1991
  APPLICATION DATA:
    APPLICATION NUMBER: US 07/852,852
    FILING DATE: 16-MAR-1992
  APPLICATION DATA:
    APPLICATION NUMBER: PCT/US91/00243
    FILING DATE: 11-JAN-1991
  APPLICATION DATA:
    APPLICATION NUMBER: US 07/566,977
    FILING DATE: 13-AUG-1990
  APPLICATION DATA:
    APPLICATION NUMBER: US 07/436,358
    FILING DATE: 11-JAN-1990
  ATTORNEY/AGENT INFORMATION:
    NAME:
    REGISTRATION NUMBER:
    REFERENCE/DOCKET NUMBER: ISIS-
  TELECOMMUNICATION INFORMATION:
    TELEPHONE: (215) 568-3100
    TELEFAX: (215) 568-3439
    INFORMATION FOR SEQ ID NO: 50:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 20
        TYPE: nucleic acid
        STRANDEDNESS: single
        TOPOLOGY: linear
      ANTI-SENSE: yes
    US-08-829-637A-50

Query Match          0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred.No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAG 962
Db 1 AGGCTGATGCTGGGAG 17

RESULT 380
US-08-829-637A-62
; Sequence 62, Application US/08029637A
; Patent No. 6339066
; GENERAL INFORMATION:
```


;
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-829-637A-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 946 ATGCTGATGCTGGGAGG 962
Db 2 AGGCTGATGCTGGGAAG 18

RESULT 381

US-09-742-703-16/c
; Sequence 16, Application US/09742703
; Patent No. 6423543
; GENERAL INFORMATION:
; APPLICANT: Patrick Allen Marcotte
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSPIN EXPRESSION
; FILE REFERENCE: RTS-0090
; CURRENT APPLICATION NUMBER: US/09/742,703
; CURRENT FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-742-703-16

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 64 ATGGCGCAGACGCGAGG 80
Db 20 ATGGCGCAGAGGAGG 4

RESULT 382

US-09-702-327-63/c
; Sequence 63, Application US/09702327
; Patent No. 6426220
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
; FILE REFERENCE: RTS-0097
; CURRENT APPLICATION NUMBER: US/09/702,327
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-63

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1246 GATGAGGACGAGGAGCA 1262
Db 18 GATGAGGACAAAGATGA 2

RESULT 383

US-09-676-610B-120/c
; Sequence 120, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Preier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-120

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 113 GGGATGTTGGAAATTAC 129
Db 18 GGGAAATTGGAAATTAC 2

RESULT 384

US-09-780-173A-85/c
; Sequence 85, Application US/09780173A
; Patent No. 6455307
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Preier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION
; FILE REFERENCE: RTS-0165
; CURRENT APPLICATION NUMBER: US/09/780,173A
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-173A-85

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1527 CTCTGCTTCTCTGCTGA 1543
Db 17 CTITGGCTTCTCTGTGA 1

RESULT 385

US-09-254-322-50
; Sequence 50, Application US/09254322
; Patent No. 6465439
; GENERAL INFORMATION:
; APPLICANT: Nicklin, Paul
; APPLICANT: Phillips, Judith
; APPLICANT: Love, William
; APPLICANT: Hamilton, Karen
; TITLE OF INVENTION: Pharmaceutical Compositions
; FILE REFERENCE: 4-21026/MA 2138/PCT
; CURRENT APPLICATION NUMBER: US/09/254,322
; CURRENT FILING DATE: 1999-03-04
; EARLIER APPLICATION NUMBER: PCT/BP97/04796

EARLIER FILING DATE: 1997-09-03
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:synthetic
OTHER INFORMATION: oligonucleotide
JS-09-254-322-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962
Db 1 AGGCTGATGCTGGGAAG 17

RESULT 386
US-09-422-978-7724
Sequence 7724, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density....
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7724
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
NAME/KEY: primer_bind
LOCATION: 1..20_bind
OTHER INFORMATION: upstream amplification primer 99-19273 for SEQ 3790,
US-09-422-978-7724

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1978 TGCCCTCTCTCTCTT 1994
Db 1 TGCCCTCTCTCTGT 17

RESULT 387
US-10-025-139-50
Sequence 50, Application US/10025139
Patent No. 6537973
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Holmlund, Jon T.
APPLICANT: Dorr, F. Andrew
TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
FILE REFERENCE: ISIS4954
CURRENT APPLICATION NUMBER: US/10/025,139
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 08/829,637

PRIOR FILING DATE: 1997-03-31
PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR FILING DATE: 1993-07-09
PRIOR APPLICATION NUMBER: US 07/852,852
PRIOR FILING DATE: 1992-03-16
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn version 3.1
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-025-139-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962
Db 1 AGGCTGATGCTGGGAAG 17

RESULT 388
US-10-025-139-62
Sequence 62, Application US/10025139
Patent No. 6537973
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Holmlund, Jon T.
APPLICANT: Dorr, F. Andrew
TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
FILE REFERENCE: ISIS4954
CURRENT APPLICATION NUMBER: US/10/025,139
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 08/829,637
PRIOR FILING DATE: 1997-03-31
PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR FILING DATE: 1993-07-09
PRIOR APPLICATION NUMBER: US 07/852,852
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn version 3.1
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-025-139-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962
Db 2 AGGCTGATGCTGGGAAG 18

RESULT 389
US-09-198-452A-1948
Sequence 1948, Application US/09198452A
Patent No. 6552994
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragmen

```
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1948
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1948

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1955 CAAGTGAGCCCAAGAAC 1971
Db 4 CACGTGATCCCAAGAAC 20

RESULT 390
US-09-198-452A-3817
; Sequence 3817, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3817
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3817

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 862 TCTGGGATCGGTTAGG 878
Db 4 TCTGGGATCCCTTAGG 20

RESULT 391
US-09-198-452A-3917/c
; Sequence 3917, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3917
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3917

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1481 AAGGGGTCAAGGAGGAG 1497
```

```
Db 17 AAGAGCTCAAGGAGGAG 1

RESULT 392
US-09-198-452A-4382/c
; Sequence 4382, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4382
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4382

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 432 ACTTAATAAGCAGCAGA 448
Db 17 ACTTGATAAGCAGGAGA 1

RESULT 393
US-09-198-452A-5538/c
; Sequence 5538, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5538
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5538

Query Match      0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 321 GTACAGCAAGCAGATGC 337
Db 17 GTAGAGCAAGGAGATGC 1

RESULT 394
US-09-198-452A-6831
; Sequence 6831, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
```

SEQ ID NO 6831

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

JS-09-198-452A-6831

Query Match 0.7%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.1e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1697 ACCTGCGCACCATCT 1713

DB 3 ACCTGCAACCATCT 19

RESULT 395

JS-09-944-036-61

Sequence 61, Application US/09944036

Patent No. 6582920

GENERAL INFORMATION:

APPLICANT: YANG, Yeasing Y.

APPLICANT: BRENTANO, Steven T.

APPLICANT: BABOLA, Odile

APPLICANT: TRAN, Nathalie

APPLICANT: VERNET, Guy

TITLE OF INVENTION: AMPLIFICATION OF HIV-1 SEQUENCES FOR DETECTION OF

TITLE OF INVENTION: SEQUENCES ASSOCIATED WITH DRUG-RESISTANCE MUTATIONS

FILE REFERENCE: GP114-02.UT

CURRENT APPLICATION NUMBER: US/09/944,036

CURRENT FILING DATE: 2001-08-31

PRIOR APPLICATION NUMBER: US 60/229,790

PRIOR FILING DATE: 2000-09-01

NUMBER OF SEQ ID NOS: 70

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 61

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:

OTHER INFORMATION: Oligonucleotide primer for protease target

OTHER INFORMATION: sequence

US-09-944-036-61

Query Match

Best Local Similarity 0.7%; Score 13.8; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 140 AAGGCACCCATGAAG 156

DB 2 AAGGACACCAATGAAG 18

RESULT 396

JS-09-081-385-100/c

Sequence 100, Application US/09081385

Patent No. 6593456

GENERAL INFORMATION:

APPLICANT: Gatanaga, T.

APPLICANT: Granger, G.A.

TITLE OF INVENTION: Factors Altering Tumor Necrosis

TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods

TITLE OF INVENTION: of Use Thereof

NUMBER OF SEQUENCES: 154

CORRESPONDENCE ADDRESS:

ADDRESSER: MORRISON & FORRESTER

STREET: 755 PAGE MILL ROAD

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304-1018

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows

SOFTWARE: FastSeq for Windows Version 2.0b

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/081,385

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/964,747

FILING DATE: 05-NOV-1997

APPLICATION NUMBER: 60/030,761

FILING DATE: 06-NOV-1996

ATTORNEY/AGENT INFORMATION:

NAME: Wu, Frank

REGISTRATION NUMBER: 41,386

REFERENCE/DOCKET NUMBER: 22000-20577.21

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-813-5600

TELEFAX: 650-494-0792

TELEX: 706141

INFORMATION FOR SEQ ID NO: 100:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-081-385-100

Query Match 0.7%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.1e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 ACTGCTGCTCTGTCGC 419

DB 19 ACTGCTGCTTATGAGGC 3

RESULT 397

US-09-972-115A-51

Sequence 51, Application US/09972115A

Patent No. 6599728

GENERAL INFORMATION:

APPLICANT: Geron Corporation

APPLICANT: Gregg, Morin B.

APPLICANT: Walter, Funk D.

APPLICANT: Mieczyslaw, Piatyszek A.

TITLE OF INVENTION: A Second Mammalian Telomerase

FILE REFERENCE: 080/003C

CURRENT APPLICATION NUMBER: US/09/972,115A

CURRENT FILING DATE: 2001-10-05

PRIOR APPLICATION NUMBER: US 60/128,577

PRIOR FILING DATE: 2000-04-10

PRIOR APPLICATION NUMBER: US 60/129,123

PRIOR FILING DATE: 1999-04-13

NUMBER OF SEQ ID NOS: 64

SOFTWARE: PatentIn version 3.1

SEQ ID NO 51

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

US-09-972-115A-51

Query Match

Best Local Similarity 0.7%; Score 13.8; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 471 TGGGGGCTGACCATG 487

DB 1 TTGGGGTCTGCACCATG 17

```
RESULT 398
US-09-860-761-2
; Sequence 2, Application US/09860761
; Patent No. 6627402
; GENERAL INFORMATION:
; APPLICANT: Wallace, R. Bruce
; TITLE OF INVENTION: Method of Detecting and
; Discriminating Between Nucleic Acid Sequences
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: City of Hope
; STREET: 1500 East Duarte Road
; CITY: Duarte
; STATE: California
; COUNTRY: United States of America
; ZIP: 91010-0269
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3M High Density 3 1/2" diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS (R) Version 3.30
; SOFTWARE: Microsoft (R)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/860,761
; FILING DATE: 21-May-2001
; CLASSIFICATION: <Unknown>
; Prior APPLICATION DATA:
; APPLICATION NUMBER: US/08/193,039B
; FILING DATE: 04 February 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: E. Anthony Fligg
; REGISTRATION NUMBER: 27,195
; REFERENCE/DOCKET NUMBER: 2124-108
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 783-6040
; TELEFAX: (202) 783-6031
; TELEX: No. 662740ze
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleotide
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-860-761-2

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1419 CCCAGAGGAGGAGGAAG 1435
Db 4 CCAAGAGGAGGAGGAATG 20

RESULT 399
US-09-665-615B-174
; Sequence 174, Application US/09665615B
; Patent No. 6653133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcussen, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; Prior APPLICATION NUMBER: US 09/290,640
; Prior FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-665-615B-174

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2065 CTCTTTGTAATAAAATG 2081
Db 4 CTCTATGAATAAAATG 20

RESULT 400
PCT-US93-02213-50
; Sequence 50, Application PC/TUS9302213
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
; TITLE OF INVENTION: Kinase C
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/02213
; FILING DATE: 19930225
; CLASSIFICATION:
; Prior APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0872
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
PCT-US93-02213-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGAGG 962
Db 1 AGGCTGATGCTGGAG 17

RESULT 401
PCT-US93-09166-11/c
; Sequence 11, Application PC/TUS9309166
; GENERAL INFORMATION:
; APPLICANT: Pastan, Ira H.
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES TO PROSTATE CELLS
```

NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESS: Townsend and Townsend
STREET: One Market Plaza, Steuart Street Tower
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/09166
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W.
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 15280-77
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 467-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US93-09166-11

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1097 TCAGTCCTTCCCAATATG 1113
DB 17 TCAGTCCTTCCCAATG 1

RESULT 402
PCT-US94-07770-50
Sequence 50, Application PC/TUS9407770
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and
APPLICANT: Russell T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07770
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: February 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid

FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: February 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
PCT-US94-07770-50

Query Match 0.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962
DB 1 AGGCTGATGCTGGGAG 17

RESULT 403
PCT-US94-07770-62
Sequence 62, Application PC/TUS9407770
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and
APPLICANT: Russell T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07770
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: February 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid

Kinase C

Kinase C

STRANDEDNESS: single
 TOPOLOGY: linear
 ANTI-SENSE: Yes
 PCT-US94-07770-62

Query Match 0.7%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 4.1e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 ATGCTGATGCTGGGAGG 962
 Db 2 AGGCTGATGCTGGGAAG 18

RESULT 404

US-08-411-020-27/C
 ; Sequence 27, Application US/08411020
 ; Patent No. 5712094
 ; GENERAL INFORMATION:
 ; APPLICANT: SEIDEL, H. MARTI
 ; APPLICANT: LAMB, I. PETER
 ; APPLICANT: CHAN, SHIN-SHAY TIAN
 ; TITLE OF INVENTION: METHODS AND ASSOCIATED REAGENTS FOR
 ; DETECTING MODULATORS OF CYTOKINE ACTION
 ; NUMBER OF SEQUENCES: 59
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Ligand Pharmaceuticals Incorporated
 ; STREET: 9193 Towne Centre Drive
 ; CITY: San Diego
 ; STATE: California
 ; COUNTRY: US
 ; ZIP: 92121

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/411,020
 FILING DATE: 27-MAR-1995

CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Jurgensen, Thomas E.
 REGISTRATION NUMBER: 34,195
 REFERENCE/DOCKET NUMBER: 016-0030 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (619) 550-7675
 TELEFAX: (619) 535-3906
 INFORMATION FOR SEQ ID NO: 27:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 21 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
 DESCRIPTION: SYNTHETIC DNA"
 US-08-411-020-27

Query Match 0.7%; Score 13.8; DB 1; Length 21;
 Best Local Similarity 88.2%; Pred. No. 4.6e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 674 ACTTCCCGAGGACTGGG 690
 Db 20 ACTTCCCGAGGACAGAG 4

RESULT 405

US-08-197-790A-5/C
 ; Sequence 5, Application US/08197790A
 ; Patent No. 5718883
 ; GENERAL INFORMATION:

APPLICANT: David M. Harlan
 APPLICANT: Carl H. June
 TITLE OF INVENTION: TRANSGENIC ANIMAL MODEL FOR
 TITLE OF INVENTION: AUTOIMMUNE DISEASES
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lahive & Cockfield
 STREET: 60 State Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM PS/2 Model 50Z or 55SX
 OPERATING SYSTEM: MS-DOS (Version 5.0)
 SOFTWARE: WordPerfect (Version 5.1)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/197,790A
 FILING DATE:

CLASSIFICATION: 800
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/048,042
 FILING DATE: 04/14/93
 ATTORNEY/AGENT INFORMATION:
 NAME: Amy E. Mandragouras
 REGISTRATION NUMBER: 36,207
 REFERENCE/DOCKET NUMBER: REI-006CP
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 227-2700
 TELEFAX: (617) 227-5941
 TELEX:

INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 21
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-197-790A-5

Query Match 0.7%; Score 13.8; DB 1; Length 21;
 Best Local Similarity 88.2%; Pred. No. 4.6e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 789 GCGGTCATGTCACAAAG 805
 Db 19 GCGGTCATGTCACAAAG 3

RESULT 406

US-08-451-777A-14
 ; Sequence 14, Application US/08451777A
 ; Patent No. 5789223
 ; GENERAL INFORMATION:

APPLICANT: Bergsma, Derk J.
 APPLICANT: Stambolian, Dwight
 TITLE OF INVENTION: Human Galactokinase Gene
 NUMBER OF SEQUENCES: 33
 CORRESPONDENCE ADDRESS:

ADDRESSEE: SmithKline Beecham Corp./Corporate
 ADDRESSEE: Intellectual Property
 STREET: 709 Swedeland Road/UW2220
 CITY: King of Prussia
 STATE: Pennsylvania
 COUNTRY: USA
 ZIP: 19406-0939

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451,777A

FILING DATE: 26-MAY-1995
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/10825
FILING DATE: 23-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Eagle, Alissa M.
REGISTRATION NUMBER: 37,126
REFERENCE/DOCKET NUMBER: P50268-1B
TELEPHONE: 610-270-5364
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-451-777A-14
Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1652 CCCGAGCTCAGGCGAG 1668
Db 1 CCCACAGCTCAGGCGAG 17
RESULT 407
US-08-410-779B-143/c
Sequence 143, Application US/08410779B
Patent No. 5814517
GENERAL INFORMATION:
APPLICANT: SEIDEL, H. MARTI
APPLICANT: LAMB, I. PETER
TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS
TITLE OF INVENTION: RESPONSIVE TO CYTOKINES AND METHODS FOR THEIR USE
NUMBER OF SEQUENCES: 166
CORRESPONDENCE ADDRESS:
ADDRESSER: LIGAND PHARMACEUTICALS INCORPORATED
STREET: 9393 TOWNE CENTRE DRIVE
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: US
ZIP: 92121
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 27-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/228,935
FILING DATE: 14-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: JURGENSEN, THOMAS E
REGISTRATION NUMBER: 34,195
REFERENCE/DOCKET NUMBER: 016-0013A.US
TELEPHONE: (619) 550-7675
TELEFAX: (619) 535-3906
INFORMATION FOR SEQ ID NO: 143:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
DESCRIPTION: SYNTHETIC DNA"
US-08-410-779B-143
Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 674 ACTTCCCGAGGAAGTGGG 690
Db 20 ACTTCCCGAGGAAGAGAG 4
RESULT 408
US-08-451-778A-14
Sequence 14, Application US/08451778A
Patent No. 5830649
GENERAL INFORMATION:
APPLICANT: Bergsma, Derk J.
APPLICANT: Stambolian, Dwight
TITLE OF INVENTION: Human Galactokinase Gene
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSER: SmithKline Beecham Corp./Corporate
ADDRESSER: Intellectual Property
STREET: 709 Swedeland Road/UW2220
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,778A
FILING DATE: 26-MAY-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/10825
FILING DATE: 23-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Eagle, Alissa M.
REGISTRATION NUMBER: 37,126
REFERENCE/DOCKET NUMBER: P50268-1B
TELEPHONE: 610-270-5364
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-451-778A-14
Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1652 CCCCGAGCTCAGGCGAG 1668
Db 1 CCCACAGCTCAGGCGAG 17
RESULT 409
US-08-998-208-14
Sequence 14, Application US/08998208
Patent No. 5880105
GENERAL INFORMATION:
APPLICANT: Bergsma, Derk J.

APPLICANT: Stambolian, Dwight
TITLE OF INVENTION: Human Galactokinase Gene
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corp./Corporate
ADDRESSEE: Intellectual Property
STREET: 709 Swedeland Road/UW2220
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/998,208
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/451,777
FILING DATE: 26-MAY-1995
APPLICATION NUMBER: PCT/US94/10825
FILING DATE: 23-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Eagle, Alissa M.
REGISTRATION NUMBER: 37,126
REFERENCE/DOCKET NUMBER: F50268-1B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5364
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-998-208-14

Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1652 CCCGAGCTCAGGCAG 1668
Db 1 CCCACAGCTCAGGCAG 17

RESULT 410
US-08-594-452-61
Sequence 61, Application US/08594452
Patent No. 6013639
GENERAL INFORMATION:
APPLICANT: PEYMAN, Anuschirwan
APPLICANT: UHLMANN, Eugen
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/594,452

FILING DATE: 31-JAN-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 195 02 912.7
FILING DATE: 31-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, Colin G.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/264/HOCE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-594-452-61

Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1854 GGGGTGGCTGGGTCTTC 1870
Db 1 GGGGTGGGTGGGTCTTC 17

RESULT 411
US-09-258-408-61
Sequence 61, Application US/09258408
Patent No. 6121434
GENERAL INFORMATION:
APPLICANT: PEYMAN, Anuschirwan
APPLICANT: UHLMANN, Eugen
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/258,408
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/594,452
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, Colin G.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/264/HOCE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-258-408-61

Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1854 GGGTGGCTGGCTCTTC 1870
|||||
3b 1 GGGTGGCTGGCTCTTC 17

RESULT 412

US-08-907-598-6/C
; Sequence 6, Application US/08907598
; Patent No. 6139833
; GENERAL INFORMATION:
; APPLICANT: Burgess, Rob
; APPLICANT: Friedrich, Glenn
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Sands, Arthur
; TITLE OF INVENTION: TARGETED GENE DISCOVERY
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/907,598
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 8535-015-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 493-4935
; TELEFAX: (650) 493-5556
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: NO
US-08-907-598-6

Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1524 CAGCTCTGGCTTCCTGC 1540
|||||
3b 19 CAGCTCTGCTCTCTGC 3

RESULT 413

US-09-237-712-74
; Sequence 74, Application US/09237712
; Patent No. 6180391
; GENERAL INFORMATION:
; APPLICANT: BROWN, WILLIAM C.
; TITLE OF INVENTION: HIGHLY EFFICIENT CONTROLLED EXPRESSION OF EXOGENOUS
; FILE REFERENCE: A-518

; CURRENT APPLICATION NUMBER: US/09/237,712
; CURRENT FILING DATE: 1999-01-26
; EARLIER APPLICATION NUMBER: 60/072,794
; EARLIER FILING DATE: 1998-01-28
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 74
; LENGTH: 21
; TYPE: DNA
; ORGANISM: oligonucleotide
US-09-237-712-74

Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 373 GATGGCCTGTTGAGTT 389
|||||
Db 2 GATGGCCTTTTGGCTT 18

RESULT 414

US-07-974-409C-373
; Sequence 373, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974,409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CF2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 373:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-974-409C-373

Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 611 TGGAGAGGCTTCTAC 627
|||||
Db 5 TGGAGAGGCTTCTAC 21

RESULT 415

```
US-07-974-409C-374
; Sequence 374, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/07/974.409C
; APPLICATION NUMBER: US/07/974.409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 374:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-974-409C-374
```

```
Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 611 TGGAGAGGCGCTTCTAC 627
Db 4 TGGAAACAGCCCTTCTAC 20
```

```
RESULT 416
US-07-974-409C-375
; Sequence 375, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
```

```
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974.409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 375:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-974-409C-375
```

```
Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 611 TGGAGAGGCGCTTCTAC 627
Db 3 TGGAAACAGCCCTTCTAC 19
```

```
RESULT 417
US-07-974-409C-376
; Sequence 376, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974.409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 376:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-974-409C-376
```

```
Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Y 611 TGAAGAGCGCTTCTAC 627
b 2 TGAACAGCGCTTCTAC 18

RESULT 418

JS-07-974-409C-377
; Sequence 377, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974,409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 377:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
JS-07-974-409C-377

Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 611 TGAAGAGCGCTTCTAC 627
b 1 TGAACAGCGCTTCTAC 17

RESULT 419

US-09-593-012-180/c
; Sequence 180, Application US/09593012
; Patent No. 6387652
; GENERAL INFORMATION:
; APPLICANT: HAUGLAND, Richard
; APPLICANT: VESPER, Stephen
; TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
; FILE REFERENCE: HAUGLAND-1A
; CURRENT APPLICATION NUMBER: US/09/593,012
; CURRENT FILING DATE: 2000-06-13
; PRIOR APPLICATION NUMBER: US 09/290,990
; PRIOR FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: US 60/081,773
; PRIOR FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 225

; SOFTWARE: Patent In version 3.0
; SEQ ID NO 180
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Scopulariopsis chartarum
US-09-593-012-180

Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 99 TTACTACTACGACGGG 115
b 18 TTACTACTACGACGGG 2

RESULT 420

US-09-301-978C-7
; Sequence 7, Application US/09301978C
; Patent No. 6392015
; GENERAL INFORMATION:
; APPLICANT: Panganiban, Antonito
; APPLICANT: Callahan, Mark A.
; TITLE OF INVENTION: Method of Identifying Modulators of HIV-1 VPU and GAG
; TITLE OF INVENTION: Interaction with U Binding Protein (UBP)
; FILE REFERENCE: 960296.95335
; CURRENT APPLICATION NUMBER: US/09/301,978C
; CURRENT FILING DATE: 1999-04-29
; PRIOR APPLICATION NUMBER: 60/083,567
; PRIOR FILING DATE: 1998-04-30
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide
; OTHER INFORMATION: Primer
US-09-301-978C-7

Query Match 0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1446 AGAGGAGAAACCAAGG 1462
b 5 AGATGAGAGAACCAAGG 21

RESULT 421

US-09-422-978-8357/c
; Sequence 8357, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8357
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens

```
;
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-1494 for SEQ 492, in complement
US-09-422-978-8357

Query Match      0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1667 AGCTGTGCTGGTGAGC 1683
Db 17 AGCTGTGCAAGGTGAGC 1

RESULT 422
US-09-422-978-8709/c
; Sequence 8709, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8709
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-17758 for SEQ 844, in complement
US-09-422-978-8709

Query Match      0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 658 CATAAGTATGAGAGTA 674
Db 18 CATAAGTATGAGAGTA 2

RESULT 423
US-09-422-978-8865
; Sequence 8865, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8865
```

```
;
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-18777 for SEQ 1000, in complement
US-09-422-978-8865

Query Match      0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CTGTGAGGAGAGTTCT 1324
Db 1 CTGTGAGGAGAGTTCT 17

RESULT 424
PCT-US93-12600-25
; Sequence 25, Application PC/TUS9312600
; GENERAL INFORMATION:
; APPLICANT: Denner, Larry A.
; APPLICANT: Rege, Ajay A.
; APPLICANT: Dixon, Richard A.F.
; TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore &
; ADDRESSEE: Milnamow, Ltd.
; STREET: 180 North Stetson, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12600
; FILING DATE: 28-DEC-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,706
; FILING DATE: December 31, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Katz, Martin L. 25,011
; REGISTRATION NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312)616-5400
; TELEFAX: (312)616-5460
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US93-12600-25

Query Match      0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1082 ATTTCAGCTCCACATC 1098
Db 3 ACTTCCAGCTCCACATC 19

RESULT 425
```

```

PCT-US95-04477-143/C
; Sequence 143, Application PC/TUS9504477
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RESPONSIVE TO
; CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 165
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04477
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935
; FILING DATE: 14-APR-1994
; INFORMATION FOR SEQ ID NO: 143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; SYNTHETIC DNA"
PCT-US95-04477-143

Query Match      0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

YU      674  ACTTCCCGAGGAAGTGGG 690
      |||||
Yb      20  ACTTCCCGAGGAACAGAG 4

RESULT 426
PCT-US95-06743-14
; Sequence 14, Application PC/TUS9506743
; GENERAL INFORMATION:
; APPLICANT: Bergsma, Derk J.
; APPLICANT: Stambolian, Dwight
; TITLE OF INVENTION: Human Galactokinase Gene
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSER: SmithKline Beecham Corp./Corporate
; ADDRESSER: Intellectual Property
; STREET: 709 Swedeland Road/UW2220
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06743
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/10825
; FILING DATE: 23-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Sutton, Jeffrey A.
; REGISTRATION NUMBER: 34,028
; REFERENCE/DOCKET NUMBER: P50268-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5024

```

```

; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US95-06743-14

Query Match      0.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1652  CCCGAGCTCAGGGCAG 1668
      |||
Db       1  CCCACAGCTCAGGGCAG 17

RESULT 427
US-08-650-598-10
; Sequence 10, Application US/08650598
; Patent No. 5877020
; GENERAL INFORMATION:
; APPLICANT: Alitalo, Kari
; TITLE OF INVENTION: Promoter of the Receptor Tyrosine Kinase, TIE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,598
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/310,717
; FILING DATE: 22-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Gass, David A.
; REGISTRATION NUMBER: 38,153
; REFERENCE/DOCKET NUMBER: 28113/33245
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-650-598-10

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1698  CCTTCCACCCATTCCTCC 1717
      |||
Db       1  CCTGCCACCCCTCTACCC 20

RESULT 428

```

```
US-07-964-151-13/c
; Sequence 13, Application US/07964151
; Patent No. 5449604
; GENERAL INFORMATION:
; APPLICANT: Schellenberg, G.D., Bird, T.D., and E.M. Wijsman
; TITLE OF INVENTION: CHROMOSOME 14 ALZHEIMER'S DISEASE GENETIC MARKERS AND ASSAYS
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen, O'Connor, Johnson and Kindness
; STREET: 2800 Pacific First Center, 1420 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette-5.25 inch, 1.2Mb storage
; COMPUTER: IBM PC/386 Compatible
; OPERATING SYSTEM: MS-DOS 4.01
; SOFTWARE: Word for Windows-t
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/964.151
; FILING DATE: October 21, 1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: none
; FILING DATE: none
; ATTORNEY/AGENT INFORMATION:
; NAME: Broderick, Thomas F.
; REGISTRATION NUMBER: 31,332
; REFERENCE/DOCKET NUMBER: UOFW-1-6588
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 1-206-682-8100; 1-206-224-0709 (direct)
; TELEFAX: 1-206-224-0779
; TELEX: 4938023
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; DESCRIPTION: brain chromosome 14 primer EST00221
US-07-964-151-13

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1687 TCCAGGAGCCACCTTGGCAC 1706
Db 20 TACATGAGCCATCTTGGCAC 1

RESULT 429
US-08-243-542-18
; Sequence 18, Application US/08243542
; Patent No. 5552526
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, YUSUKE
; APPLICANT: : EMI, MITSURU
; TITLE OF INVENTION: MDC PROTEINS AND DNAS
; TITLE OF INVENTION: ENCODING THE SAME
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLYNN, THIEL, BOUTELL & TANIS P.C.
; STREET: 2026 Rambling Road
; CITY: Kalamazoo
; STATE: Michigan
; COUNTRY: USA
; ZIP: 49008-1699
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inches, 1.44 Mb storage
; COMPUTER: IBM PC/XT/AT Compatible
; OPERATING SYSTEM: MS-DOS 5.0
; SOFTWARE: WordPerfect 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,407
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/243,542
; FILING DATE: 13-MAY-1994
; APPLICATION NUMBER: JP 5-136602
; FILING DATE: 14 MAY 1993
; COMPUTER: IBM PC/XT/AT Compatible
```

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; OPERATING SYSTEM: MS-DOS 5.0
; SOFTWARE: WordPerfect 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/243,542
; FILING DATE:
; PRIOR APPLICATION DATA:
; CLASSIFICATION: 530
; APPLICATION NUMBER: JP 5-136602
; FILING DATE: 14 MAY 1993
; APPLICATION NUMBER: JP 5-257455
; FILING DATE: 22 SEPTEMBER 1993
; APPLICATION NUMBER: JP 6-49904
; FILING DATE: 23 FEBRUARY 1994
; APPLICATION NUMBER: JP 6-73328
; FILING DATE: 12 APRIL 1994
; APPLICATION NUMBER: JP 6-84470
; FILING DATE: 22 APRIL 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Terryence F. Chapman
; REGISTRATION NUMBER: 32 549
; REFERENCE/DOCKET NUMBER: Furiya Case 1313
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (616) 381-1156
; TELEFAX: (616) 381-5465
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
US-08-243-542-18

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1004 ATGAGACAGCTGTGGCCCTG 1023
Db 1 ATGAGGCTGCTGCGGCGCTG 20

RESULT 430
US-08-477-407-18
; Sequence 18, Application US/08477407
; Patent No. 5631351
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, YUSUKE
; APPLICANT: : EMI, MITSURU
; TITLE OF INVENTION: MDC PROTEINS AND DNAS
; TITLE OF INVENTION: ENCODING THE SAME
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLYNN, THIEL, BOUTELL & TANIS P.C.
; STREET: 2026 Rambling Road
; CITY: Kalamazoo
; STATE: Michigan
; COUNTRY: USA
; ZIP: 49008-1699
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inches, 1.44 Mb storage
; COMPUTER: IBM PC/XT/AT Compatible
; OPERATING SYSTEM: MS-DOS 5.0
; SOFTWARE: WordPerfect 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,407
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/243,542
; FILING DATE: 13-MAY-1994
; APPLICATION NUMBER: JP 5-136602
; FILING DATE: 14 MAY 1993
; COMPUTER: IBM PC/XT/AT Compatible
```

APPLICATION NUMBER: JP 5-257455
FILING DATE: 22 SEPTEMBER 1993
APPLICATION NUMBER: JP 6-49904
FILING DATE: 23 FEBRUARY 1994
APPLICATION NUMBER: JP 6-73328
FILING DATE: 12 APRIL 1994
APPLICATION NUMBER: JP 6-84470
FILING DATE: 22 APRIL 1994
ATTORNEY/AGENT INFORMATION:
NAME: Terryence F. Chapman
REGISTRATION NUMBER: 32 549
REFERENCE/DOCKET NUMBER: Furuya Case 1313
TELECOMMUNICATION INFORMATION:
TELEPHONE: (616) 381-1156
TELEFAX: (616) 381-5465
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRADEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-08-477-407-18

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

DY 1004 ATGAGACAGCTGTGGCCCTG 1023
DB 1 ATGAGGCTGCTCGGGCGCTG 20

RESULT 431
US-08-320-604A-1
Sequence 1, Application US/08320604A
Patent No. 5658729
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Ma, Yuanhong
APPLICANT: Lewis, Suzanne
APPLICANT: Liu, Guoqing
TITLE OF INVENTION: Method, Reagent and Kit for Evaluating
TITLE OF INVENTION: Susceptibility to Premature Atherosclerosis and Other Forms of
TITLE OF INVENTION: Coronary Artery Disease and Treatment of Same Using Gene Thera
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Opedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: USA
ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Kb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS DOS 5.0
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/320,604A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32038
REFERENCE/DOCKET NUMBER: UBC P-001-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid

STRADEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: human
FEATURE: Primer for exon 6 of human LPL
US-08-320-604A-1

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 336 GCAGAGATTCAACGTTGGTG 355
DB 1 GCCGAGATACAATCTTGGTG 20

RESULT 432
US-08-507-431-23
Sequence 23, Application US/08507431
Patent No. 5693518
GENERAL INFORMATION:
APPLICANT: Kofod, Lene V.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Christgau, Stephan
APPLICANT: Heldt-Hansen, Hans P.
APPLICANT: Dalboge, Henrik
APPLICANT: Andersen, Lene N.
APPLICANT: Si, Joan Q.
APPLICANT: Jacobson, Tina
APPLICANT: Munk, Niels
APPLICANT: Mullertz, Anette
TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 56935180 No. 5693518disk of No. 5693518th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/507,431
FILING DATE: 15-FEB-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/002,800
FILING DATE: 25-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Harrington, James J.
REGISTRATION NUMBER: 38,711
REFERENCE/DOCKET NUMBER: 3954.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRADEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-507-431-23

Query Match 0.7%; Score 13.6; DB 1; Length 20;

SOFTWARE: WordPerfect 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,355
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/243,542
FILING DATE: 13-MAY-1994
APPLICATION NUMBER: JP 5-136602
FILING DATE: 14 MAY 1993
APPLICATION NUMBER: JP 5-257455
FILING DATE: 22 SEPTEMBER 1993
APPLICATION NUMBER: JP 6-49304
FILING DATE: 23 FEBRUARY 1994
APPLICATION NUMBER: JP 6-73328
FILING DATE: 12 APRIL 1994
APPLICATION NUMBER: JP 6-84470
FILING DATE: 22 APRIL 1994
ATTORNEY/AGENT INFORMATION:
NAME: Terryence F. Chapman
REGISTRATION NUMBER: 32 549
REFERENCE/DOCKET NUMBER: Furuya Case 1313
TELECOMMUNICATION INFORMATION:
TELEPHONE: (616) 381-1156
TELEFAX: (616) 381-5465
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
JS-08-484-355-18

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e-02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1004 ATGAGACAGCTGTCGCCCTG 1023
||||| ||||| ||||| |||||
1 ATGAGGCTGCTGCGGCGCTG 20

RESULT 436
US-08-040-548-50/c
Sequence 50, Application US/08040548
Patent No. 5763209
GENERAL INFORMATION:
APPLICANT: Sukhatme, Vikas P.
TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO THE
TITLE OF INVENTION: FUNCTIONAL DOMAINS OF DNA BINDING PROTEINS
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: 321 No. 5763209th Clark Street, Suite 800
CITY: Chicago
STATE: Illinois
COUNTRY: U.S.A.
ZIP: 60610
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/040,548
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Coughlin, Daniel F.
REGISTRATION NUMBER: 36,111
REFERENCE/DOCKET NUMBER: arcd067
TELECOMMUNICATION INFORMATION:

TELEPHONE: (312) 744-0090
TELEFAX: (312) 245-4961
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-040-548-50

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e-02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

186 GCTGCTCAACTATGCTCTCT 205
||||| ||||| ||||| |||||
20 GCTGCCCAATAAGGTCGTGT 1

RESULT 437
US-08-466-344-50/c
Sequence 50, Application US/08466344
Patent No. 5773583
GENERAL INFORMATION:
APPLICANT: Sukhatme, Vikas P.
TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO THE
TITLE OF INVENTION: FUNCTIONAL DOMAINS OF DNA BINDING PROTEINS
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: 321 No. 5773583th Clark Street, Suite 800
CITY: Chicago
STATE: Illinois
COUNTRY: U.S.A.
ZIP: 60610
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,344
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/040,548
FILING DATE: 31-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Coughlin, Daniel F.
REGISTRATION NUMBER: 36,111
REFERENCE/DOCKET NUMBER: arcd067
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 744-0090
TELEFAX: (312) 245-4961
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-466-344-50

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e-02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

186 GCTGCTCAACTATGCTCTCT 205
||||| ||||| ||||| |||||
20 GCTGCCCAATAAGGTCGTGT 1

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RESULT 438
US-08-577-858A-26
; Sequence 26, Application US/08577858A
; Patent No. 5834189
; GENERAL INFORMATION:
; APPLICANT: Stevens, John K.
; APPLICANT: Dunn, James M.
; APPLICANT: Leushner, James
; APPLICANT: Green, Ronald
; APPLICANT: Method for Evaluation of Polymorphic
; TITLE OF INVENTION: Genetics Sequences, and Use Thereof in Identification of HLA
; TITLE OF INVENTION: Types
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Opedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/577,858A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-019-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: amplification primer for exon 6 of
; OTHER INFORMATION: lipoprotein lipase gene
US-08-577-858A-26

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 336 GCAGAGATTCAACGTTGGTG 355
Db 1 GCCGAGATACAACTTGGTG 20

RESULT 439
US-08-578-551-21/c
; Sequence 21, Application US/08578551
; Patent No. 5854050
; GENERAL INFORMATION:
; APPLICANT: Dalboge, Henrik
; APPLICANT: Christgau, Stephan
```

```
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Sakari M.
; APPLICANT: Nielsen, Jack B.
; APPLICANT: Dambmann, Claus
; TITLE OF INVENTION: An Enzyme with Protease Activity
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 58540500 No. 5854050disk of No. 5854050th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,551
; FILING DATE: 01-FEB-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0811/93
; FILING DATE: 06-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 95/02044
; FILING DATE: 19-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4006.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Aspergillus aculeatus
; OTHER INFORMATION: Aspergillus aculeatus
US-08-578-551-21

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 236 AAGCCAATGCTGAGAGATG 255
Db 20 ACGCCATGATGAGGAGATG 1

RESULT 440
US-08-651-692-13/c
; Sequence 13, Application US/08651692
; Patent No. 5856099
; GENERAL INFORMATION:
; APPLICANT: Loren Miraglia, Thomas Geiger,
; APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
; TITLE OF INVENTION: Compositions and Methods for
; TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
```

COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
FILING DATE: Herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0144
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-651-692-13

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1090 CTCACATCAGTCCTCCAA 1109
DB 20 CTCACAGCGCTCGTCCAA 1

RESULT 441
US-08-276-567A-2
Sequence 2, Application US/08276567A
Patent No. 586699
GENERAL INFORMATION:
APPLICANT: Adrienne Smyth
TITLE OF INVENTION: Oligonucleotides Having Anti-MDR-1 Gene Activity
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/276,567A
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-276-567A-2

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1679 TGAGCTCTTCCAGGAGCCAC 1698
DB 1 TGTGCTCTTCCACAGCCAC 20

RESULT 442
US-08-478-178A-14
Sequence 14, Application US/08478178A
Patent No. 5882927
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,178A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-478-178A-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1409 AAGAGAGACCCAGAGGAG 1428
DB 1 AAGAGAGACCCCTGACAC 20

RESULT 443

```
US-08-902-655A-23
; Sequence 23, Application US/08902655A
; Patent No. 5885819
; GENERAL INFORMATION:
; APPLICANT: Kofoed, Lene V.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Christgau, Stephan
; APPLICANT: Heldt-Hansen, Hans P.
; APPLICANT: Dalboge, Henrik
; APPLICANT: Andersen, Lene N.
; APPLICANT: Si, Joan Q.
; APPLICANT: Jacobson, Tina
; APPLICANT: Munk, Niels
; APPLICANT: Mullertz, Anette
; TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
; TITLE OF INVENTION: ASPERGILLUS ACULEATUS
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5885819o No. 5885819th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/902.655A
; FILING DATE: 30-July-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Agnis, Cheryl T.
; REGISTRATION NUMBER: 34,086
; REFERENCE/DOCKET NUMBER: 3954.214-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-902-655A-23

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1064 TTGAATACTTTGGACACGAT 1083
Db 1 TTCAATACTTTGGCACAGCT 20

RESULT 444
US-08-488-177-14
; Sequence 14, Application US/08488177
; Patent No. 5885970
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein Kinase C
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5885970ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,072A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
```

```
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,177
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1995
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-488-177-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1409 AAGAGAAAGACCCAGAGGAG 1428
Db 1 AAGAGAGAGACCCCTGAACAG 20

RESULT 445
US-08-481-072A-14
; Sequence 14, Application US/08481072A
; Patent No. 5916807
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5916807ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,072A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
```

Kinase C

TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-481-072A-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

DY 1409 AAGAGAAAGACCCAGAGGAG 1428
|||||
Db 1 AAGAGAGAGACCCCTGACAG 20

RESULT 446
US-08-664-336-14
Sequence 14, Application US/08664336
Patent No. 5922686

GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/664,336
FILING DATE: herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 089,996
FILING DATE: July 9, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-2345

TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-664-336-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

DY 1409 AAGAGAAAGACCCAGAGGAG 1428
|||||
Db 1 AAGAGAGAGACCCCTGACAG 20

Db 1 AAGAGAGAGACCCCTGACAG 20

RESULT 447

US-08-481-066A-14
Sequence 14, Application US/08481066A
Patent No. 5959096
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,066A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-481-066A-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

DY 1409 AAGAGAAAGACCCAGAGGAG 1428
|||||
Db 1 AAGAGAGAGACCCCTGACAG 20

RESULT 448

US-08-910-408-180/c
Sequence 180, Application US/08910408
Patent No. 5972704
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
APPLICANT: Bharat Chowrira
APPLICANT: James McSwiggen
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
TITLE OF INVENTION: REPLICATION
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon


```

; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Rotmans, Johanna M.
; APPLICANT: Kerem, Bat-Sheva
; TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and
; TITLE OF INVENTION: Mutations at Various Positions of the Gene
; FILE REFERENCE: 3477-61, 033477/139840
; CURRENT APPLICATION NUMBER: US/07/890,609C
; CURRENT FILING DATE: 1992-07-13
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-07-890-609-30

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      249 GGAGATGACCAAGTACCACA 268
Db      20 GGAGATGCTCTATTACAAA 1
|||||
RESULT 452
US-09-045-106-17/c
; Sequence 17, Application US/09045106
; Patent No. 6001651
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett, Thomas Condon,
; APPLICANT: Shin Flournoy, Jordan S. Pober, Weillie Ma
; TITLE OF INVENTION: ANTISENSE MODULATION OF LFA-3
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 EAST MAIN STREET
; CITY: MARLTON
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
; MEDIUM TYPE: STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/045,106
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0301
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
; US-09-045-106-17

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

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Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      441 GCAGCAGCGGACATCGCTG 460
Db      20 GCAGCAGCGCAGCACGCTG 1
|||||
RESULT 453
US-08-578-615A-14
; Sequence 14, Application US/08578615A
; Patent No. 6015892
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892rls LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,615A
; FILING DATE: 11-JAN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: 16-MAR-1992
; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993
; APPLICATION NUMBER: 08/199,779
; FILING DATE: 22-FEB-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1568
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-578-615A-14

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1409 AAGAGAAAGACCCAGAGGAG 1428
Db      1 AAGAGAGAGACCTGAACAG 20
|||||
RESULT 454
US-09-357-073-26/c
; Sequence 26, Application US/09357073
; Patent No. 6033910
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF MAP KINASE KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0086
; CURRENT APPLICATION NUMBER: US/09/357,073

```


; CURRENT FILING DATE: 1999-07-19
 ; NUMBER OF SEQ ID NOS: 47
 ; SEQ ID NO 26
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-357-073-26

Query Match 0.7%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 4.6e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1627 ATATCCCGGAGGACAGAAAC 1646
 Db 20 AATAGCCAGGACAGAAAC 1

RESULT 455

US-09-344-001-13/c
 ; Sequence 13, Application US/09344001
 ; Patent No. 6054440

GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE EXPRESSION
 ; FILE REFERENCE: RTS-0067
 ; CURRENT APPLICATION NUMBER: US/09/344,001
 ; CURRENT FILING DATE: 1999-06-24
 ; NUMBER OF SEQ ID NOS: 47

SEQ ID NO 13

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-344-001-13

Query Match 0.7%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 4.6e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 602 GTGCGCGGTGGAAGAGGCC 621
 Db 20 GTGCGCGGTGGAAGATGCC 1

RESULT 456

US-09-120-853-16
 ; Sequence 16, Application US/09120853
 ; Patent No. 6057437

GENERAL INFORMATION:

; APPLICANT: Kamiya, Kinya
 ; APPLICANT: Matsuda, Yoko
 ; APPLICANT: Uchida, Kiyoshi
 ; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
 ; FILE REFERENCE: 07898/030001
 ; CURRENT APPLICATION NUMBER: US/09/120,853
 ; CURRENT FILING DATE: 1998-07-21
 ; EARLIER APPLICATION NUMBER: JP 213838/1997
 ; EARLIER FILING DATE: 1997-07-25
 ; NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 16

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Artificial

OTHER INFORMATION: nucleic acid sequence

US-09-120-853-16

Query Match 0.7%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 4.6e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1433 AAGAAGTCCCGAAGAGGAG 1452
 Db 1 AAGAAGAGAGGAGGAGGAG 20

RESULT 457

US-09-106-217-9
 ; Sequence 9, Application US/09106217
 ; Patent No. 6063576

GENERAL INFORMATION:

; APPLICANT: Keating, Mark T.
 ; APPLICANT: Olson, Timothy M.
 ; TITLE OF INVENTION: Actin Mutations in Dilated
 ; TITLE OF INVENTION: Cardiomyopathy, a Heritable Form of Heart Failure
 ; NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

; ADDRESSEE: Rochwell, Figg, Ernst & Kurz, P.C.
 ; STREET: 555 Thirteenth Street, N.W., Suite 701 East
 ; STREET: Tower
 ; CITY: Washington
 ; STATE: DC
 ; COUNTRY: U.S.A.
 ; ZIP: 20004

COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/106,217
 ; FILING DATE:
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Saxe, Stephen A.
 ; REGISTRATION NUMBER: 38,609
 ; REFERENCE/DOCKET NUMBER: 2323-125
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-783-6040
 ; TELEFAX: 202-783-6031

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "Primer"

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-09-106-217-9

Query Match 0.7%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 4.6e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 158 CTCACCGAATCCGCATGACT 177
 Db 1 CTCACGAAATCCGCCTACCT 20

RESULT 458

US-09-116-622-23
 ; Sequence 23, Application US/09116622
 ; Patent No. 6080567

GENERAL INFORMATION:

; APPLICANT: Kofod, Lene V.
 ; APPLICANT: Kauppinen, Markus S.
 ; APPLICANT: Christgau, Stephan
 ; APPLICANT: Heldt-Hansen, Hans P.

APPLICANT: Dalboge, Henrik
APPLICANT: Andersen, Lene N.
APPLICANT: Si, Joan Q.
APPLICANT: Jacobson, Tina
APPLICANT: Munk, Niels
APPLICANT: Mullertz, Rnette
TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
TITLE OF INVENTION: ASPERGILLUS ACULEATUS
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6080567to No. 6080567disk of No. 6080567th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/116,622
FILING DATE: 16-July-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Agtis, Cheryl H.
REGISTRATION NUMBER: 34,086
REFERENCE/DOCKET NUMBER: 3954.224-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-09-116-622-23

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1064 TTGAATACCTTTGGACAGAT 1083
DB 1 TTCATACCTTTGGACAGCT 20
RESULT 459
US-09-166-186-69
Sequence 69, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-69

Query Match 0.7%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 845 GTGGCTCAGACTCCCTATCT 864
DB 1 GTGTGCCAGACACCCTATCT 20
RESULT 460
US-09-166-186-153
Sequence 153, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 153
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-153

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 844 TGTGGCTCAGACTCCCTATC 863
DB 1 TGTGTGCCAGACACCCTATC 20

RESULT 461
US-09-166-186-244/c
Sequence 244, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 244
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-244

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 241 AATGCTGAGGAGATGACCAA 260
DB 20 AATGCTGATTGGTGACCAA 1

RESULT 462
US-08-532-896-48/c
Sequence 48, Application US/08532896


```

; Sequence 18, Application US/09150805
; Patent No. 6140080
; GENERAL INFORMATION:
; APPLICANT: Bruce, Wesley
; APPLICANT: Lu, Guihua
; TITLE OF INVENTION: PROMOTER ELEMENTS CONFERRING
; TITLE OF INVENTION: ROOT-PREFERRED GENE EXPRESSION
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESS: PIONEER HI-BRED INTERNATIONAL, INC.
; STREET: Darwin Building, 7100 N.W. 62nd Ave., P.O.
; STREET: Box 1000
; CITY: Johnston
; STATE: Iowa
; COUNTRY: USA
; ZIP: 50131
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09150,805
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/996,069
; FILING DATE: 22-DEC-1997
; APPLICATION NUMBER: US 08/649,172
; FILING DATE: 17-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Yates, Michael E.
; REGISTRATION NUMBER: 36,063
; REFERENCE/DOCKET NUMBER: 0465R
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (515) 248-4800
; TELEFAX: (515) 248-4844
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-150-805-18

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 232 CACAAAGCCCAATGCTGAGGA 251
Db 20 CAACAAGCCCAATGCTGAGGA 1

RESULT 467
US-08-765-340-25/c
; Sequence 25, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
; APPLICANT: KONDO, S.
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK

```

```

; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; US-08-765-340-25

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 481 CACCATGCAAGAGTCCGA 500
Db 20 CACCATGCAAGTGGTCCCA 1

RESULT 468
US-09-249-215-180/c
; Sequence 180, Application US/09249215
; Patent No. 6159692
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; APPLICANT: Bharat Chowrira
; APPLICANT: James McSwiggen
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
; REPLICATION
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; SUITE: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/249,215

```

; FILING DATE: 12-Feb-1999
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/910,408
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/103,243
; FILING DATE: August 6, 1993
; APPLICATION NUMBER: 07/882,886
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 206/116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 180:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 180:
US-09-249-215-180

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 428 TGAAACTTAAATGACGACGAG 447
Db 20 TGAAATGATAAAGACGAG 1

RESULT 469

US-09-167-921-35/c
; Sequence 35, Application US/09167921A
; Patent No. 6172216
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Nickoloff, Brian J.
; APPLICANT: Zhang, QingQing
; TITLE OF INVENTION: Antisense Modulation of bcl-x Expression
; FILE REFERENCE: ISPH-0324
; CURRENT APPLICATION NUMBER: US/09/167,921A
; CURRENT FILING DATE: 1998-10-07
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-921-35

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1763 GATACCTTTATGCAACCATTA 1782
Db 20 GATACCTTTGTGGAACCTCTA 1

RESULT 470

US-09-490-692-69/c
; Sequence 69, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean

; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-69

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1319 AGTTCCGATTCTGAAGAG 1338
Db 20 AGGCCACAGATCTGAAGAG 1

RESULT 471

US-08-927-219-71/c
; Sequence 71, Application US/08927219
; Patent No. 6187533
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Nachisha
; APPLICANT: Kaisaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; TITLE OF INVENTION: AND HNF-4ALPHA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,219
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,679
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:

```
;
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-927-219-71

Query Match
Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1980 CCCTCTGCTGCTCTCTCTCT 1999
Db 20 CGCTCTGCCAGACTTCTCT 1

RESULT 472
US-09-517-584A-34/c
; Sequence 34, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RFS-0121
; CURRENT APPLICATION NUMBER: US/09/517,584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-34

Query Match
Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 246 TGAGGAGATGACCAAGTACC 265
Db 20 TGAGGGGTGACCCAGACC 1

RESULT 473
US-09-408-257-21/c
; Sequence 21, Application US/09408257
; Patent No. 6190905
; GENERAL INFORMATION:
; APPLICANT: Dalboge, Henrik
; APPLICANT: Christgau, Stephan
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Sakari M.
; APPLICANT: Nielsen, Jack B.
; APPLICANT: Darbmann, Claus
; TITLE OF INVENTION: An Enzyme with Protease Activity
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6190905 of No. 6190905disk of No. 6190905th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/408,257
; FILING DATE:
; CLASSIFICATION:

;
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-927-219-71

Query Match
Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1980 CCCTCTGCTGCTCTCTCTCT 1999
Db 20 CGCTCTGCCAGACTTCTCT 1

RESULT 472
US-09-517-584A-34/c
; Sequence 34, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RFS-0121
; CURRENT APPLICATION NUMBER: US/09/517,584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-34

Query Match
Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 246 TGAGGAGATGACCAAGTACC 265
Db 20 TGAGGGGTGACCCAGACC 1

RESULT 473
US-09-408-257-21/c
; Sequence 21, Application US/09408257
; Patent No. 6190905
; GENERAL INFORMATION:
; APPLICANT: Dalboge, Henrik
; APPLICANT: Christgau, Stephan
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Sakari M.
; APPLICANT: Nielsen, Jack B.
; APPLICANT: Darbmann, Claus
; TITLE OF INVENTION: An Enzyme with Protease Activity
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6190905 of No. 6190905disk of No. 6190905th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/408,257
; FILING DATE:
; CLASSIFICATION:

;
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,551
; FILING DATE: 01-FEB-1996
; APPLICATION NUMBER: DK 0811/93
; FILING DATE: 06-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 95/02044
; FILING DATE: 19-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4006.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Aspergillus aculeatus
US-09-408-257-21

Query Match
Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 236 AAGCCAATGCTGAGGAGATG 255
Db 20 ACGACCATGATGAGGAGATG 1

RESULT 474
US-09-219-277-23
; Sequence 23, Application US/09219277
; Patent No. 6197564
; GENERAL INFORMATION:
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Christgau, Stephan
; APPLICANT: Heldt-Hansen, Hans P.
; APPLICANT: Dalboge, Henrik
; APPLICANT: Andersen, Lene N.
; APPLICANT: Si, Joan Q.
; APPLICANT: Jacobson, Tina
; APPLICANT: Munk, Niels
; APPLICANT: Mullertz, Anette
; TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
; TITLE OF INVENTION: ASPERGILLUS ACULEATUS
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6197564 of No. 6197564disk of No. 6197564th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/219,277
; FILING DATE:
; CLASSIFICATION:
```

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/116,622
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Agtis, Cheryl H.
; REGISTRATION NUMBER: 34,086
; REFERENCE/DOCKET NUMBER: 3954.224-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-9-219-277-23

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1064 TTGAATACCTTTGGACACGAT 1083
Db 1 TTCAATACCTTTGGCACAGCT 20

RESULT 475
US-9-277-020-46/c
; Sequence 46, Application US/09277020
; Patent No. 6210892
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Alteration of Cellular Behavior by Antisense Modulation
; FILE REFERENCE: ISPH-0339
; CURRENT APPLICATION NUMBER: US/09/277,020
; CURRENT FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: 09/167,921
; EARLIER FILING DATE: 1998-10-07
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-9-277-020-46

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1763 GATACCTTTTATGCAACCAT 1782
Db 20 GATACCTTTTGTGGAACTCTA 1

RESULT 476
US-9-323-743-35/c
; Sequence 35, Application US/09323743
; Patent No. 6214986
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Nickoloff, Brian J.
; APPLICANT: Zhang, QingQing
; TITLE OF INVENTION: Antisense Modulation of bcl-x Expression
; FILE REFERENCE: ISPH-0368
; CURRENT APPLICATION NUMBER: US/09/323,743

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/277,020
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Agtis, Cheryl H.
; REGISTRATION NUMBER: 34,086
; REFERENCE/DOCKET NUMBER: 3954.224-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-9-219-277-23

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1763 GATACCTTTTATGCAACCAT 1782
Db 20 GATACCTTTTGTGGAACTCTA 1

RESULT 477
US-9-063-667-13/c
; Sequence 13, Application US/09063667C
; Patent No. 6225291
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: HAUSWIRTH, WILLIAM W.
; APPLICANT: DRENSER, KIMBERLY
; TITLE OF INVENTION: MATERIALS AND METHODS FOR RIBOZYME TREATMENT OF
; FILE REFERENCE: 4300.011500
; CURRENT APPLICATION NUMBER: US/09/063,667C
; CURRENT FILING DATE: 1998-04-21
; EARLIER APPLICATION NUMBER: 60/046,147
; EARLIER FILING DATE: 1997-05-09
; EARLIER APPLICATION NUMBER: 60/044,492
; EARLIER FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-9-063-667-13

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 104 ACTACGACGGGATGTGGA 123
Db 20 ACCACGCCCGTGTGTGGA 1

RESULT 478
US-9-599-661-23
; Sequence 23, Application US/09599661
; Patent No. 6228630
; GENERAL INFORMATION:
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Christgau, Stephan P.
; APPLICANT: Heidt-Hansen, Hans P.
; APPLICANT: Dalboge, Henrik
; APPLICANT: Andersen, Lene N.
; APPLICANT: Si, Joan Q.
```

APPLICANT: Jacobson, Tina
APPLICANT: Munk, Niels
APPLICANT: Mullertz, Anette
TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
TITLE OF INVENTION: ASPERGILLUS ACULEATUS
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESS: No. 6228630o No. 6228630disk of No. 6228630th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/599,661
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/116,622
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Agtis, Cheryl H.
REGISTRATION NUMBER: 34,086
REFERENCE/DOCKET NUMBER: 3954,224-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
JS-09-599-661-23

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1064 TTGAATACCTTTGGACACAGT 1083
DB 1 TTCATACCTTTGGCACAGCT 20

RESULT 479
US-09-313-932-69
; Sequence 69, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
JS-09-313-932-69

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 845 GTGGCTCAGACTCCCTATCT 864
DB 1 GTGTGCCAGACACCTATCT 20

RESULT 480
US-09-313-932-153
; Sequence 153, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 153
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-153

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 844 TGTGCTCAGACTCCCTATC 863
DB 1 TGTGTGCCAGACACCTATC 20

RESULT 481
US-09-313-932-244/C
; Sequence 244, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 244
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-244

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 241 AATGCTGAGGATGACCAA 260
DB 20 AATGCTGATTTGGTGACCAA 1


```
RESULT 482
US-09-313-932-493/c
; Sequence 493, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313.932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 493
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-493

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      240 CAATGCTGAGGAGATGACCA 259
      |||||
Db      20 CAATGCTGATTGTTGACCA 1

RESULT 483
US-08-996-069A-18/c
; Sequence 18, Application US/08996069A
; Patent No. 6228645
; GENERAL INFORMATION:
; APPLICANT: Bruce, Wesley
; APPLICANT: Lu, Guihua
; TITLE OF INVENTION: PROMOTER ELEMENTS CONFERRING
; TITLE OF INVENTION: ROOT-PREFERRED GENE EXPRESSION
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PIONEER HI-BRED INTERNATIONAL, INC.
; STREET: Darwin Building, 7100 N.W. 62nd Ave., P.O.
; STREET: Box 1000
; CITY: Johnston
; STATE: Iowa
; COUNTRY: USA
; ZIP: 50131
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/996.069A
; FILING DATE: 22-DEC-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/649,172
; FILING DATE: 17-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Yates, Michael E.
; REGISTRATION NUMBER: 36,063
; REFERENCE/DOCKET NUMBER: 0465R
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (515) 248-4800
; TELEFAX: (515) 248-4844
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
```

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-996-069A-18

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      232 CACAAAGCCAAATGCTGAGGA 251
      |||||
Db      20 CAACAAGCCAGTTCTGAGGA 1

RESULT 484
US-09-448-478-14
; Sequence 14, Application US/09448478
; Patent No. 6248534
; GENERAL INFORMATION:
; APPLICANT: KATO, Kikuya
; TITLE OF INVENTION: A method for detecting RNA
; FILE REFERENCE: P99-0116
; CURRENT APPLICATION NUMBER: US/09/448.478
; CURRENT FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-448-478-14

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      253 ATGACCAAGTACCACACGGA 272
      |||||
Db      1 ATGACAAATTACCACATGGA 20

RESULT 485
US-09-021-701-149
; Sequence 149, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021.701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
```

NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 149:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-149

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 650 TGTCCTTTTCATAAGTATGGA 669
|||||
DB 1 GTCCATTATCAGGATGGA 20

RESULT 486

US-09-021-701-150
Sequence 150, Application US/09021701
Patent No. 6251588

GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 150:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-150

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 651 GTCCTTTTCATAAGTATGGA 670
|||||
DB 1 GTCCATTATCAGGATGGA 20

RESULT 487

US-09-021-701-592
Sequence 592, Application US/09021701
Patent No. 6251588

GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 592:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-592

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1834 CCTTATTGAACATTCTTAGAA 1853
|||||
DB 1 CCTTATTGAACATTCTTAGAA 20

RESULT 488

US-09-021-701-593
Sequence 593, Application US/09021701
Patent No. 6251588

GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.

```
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 593:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-09-021-701-593

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1835 CTTATTGAACATCTAGAG 1854
Db 1 CTAATTGAACCTCCAGAG 20

RESULT 489
US-09-487-445-49
; Sequence 49, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-49

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2024 TCTAGTTTCCTTTTGAGAT 2043
```

```
Db 1 TCCAGTTTGCAATTGGAGAT 20

RESULT 490
US-09-487-368A-233/c
; Sequence 233, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: RTS-0093
; CURRENT APPLICATION NUMBER: US/09/487,368A
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 240
; SEQ ID NO 233
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-233

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 238 GCCAATGCTGAGGAGATGAC 257
Db 20 GCACAGGCTGAGGAGATGAC 1

RESULT 491
US-09-593-711A-155
; Sequence 155, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 155
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-155

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1251 GGACGAGACGACGCTGACA 1270
Db 1 GGACGAGACGACGCTGACA 20

RESULT 492
US-09-225-749-14
; Sequence 14, Application US/09225749
; Patent No. 6300320
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: McKay, Robert, A.
; TITLE OF INVENTION: Modulation of c-jun using inhibitors of protein kinase C
; FILE REFERENCE: ISIS313
; CURRENT APPLICATION NUMBER: US/09/225,749
```

CURRENT FILING DATE: 1999-01-05
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
JS-09-225-749-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1409 AAGAGAAGACCCAGGAG 1428
DB 1 AAGAGAGACCTGAACAG 20

RESULT 493
JS-09-484-617-99/c
; Sequence 99, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 99
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-99

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 105 CTACGACGGGGATGTTGGAA 124
DB 20 CTGCGGGGGGAGCTTGGAA 1

RESULT 494
US-09-593-589-52/c
; Sequence 52, Application US/09593589
; Patent No. 6306655
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP ALPHA EXPRESSION
; FILE REFERENCE: RTS-0119
; CURRENT APPLICATION NUMBER: US/09/593,589
; CURRENT FILING DATE: 2000-06-13
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-589-52

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1119 CCAGAACACGAATGAGTACC 1138
DB 20 CAAGAACACGAACGAGTACC 1

RESULT 495
US-09-496-694B-183
; Sequence 183, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 183
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-183

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 60 CAAGATGGCGCAGACGAGG 79
DB 1 CAAGACGACTCAACGAGG 20

RESULT 496
US-07-711-303-7/c
; Sequence 7, Application US/07711303
; Patent No. 6337182
; GENERAL INFORMATION:
; APPLICANT: Cerutti, Peter A.
; APPLICANT: Felley-Bosco, Emanuela
; APPLICANT: Sandy, Martha
; APPLICANT: Amstad, Paul
; APPLICANT: Zijlstra, Jacob
; APPLICANT: Pourzand, Charareh
; TITLE OF INVENTION: Method for the Quantitative
; DETERMINATION OF DNA SEQUENCES
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W. Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/711,303
; FILING DATE: 19910606
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

```
; APPLICATION NUMBER: EP 90110907.4
; FILING DATE: 08-JUN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Lavin Jr., Lawrence M.
; REGISTRATION NUMBER: 30,768
; REFERENCE/DOCKET NUMBER: 2481-1081
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-711-303-7

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1745 CCAGGTCGCGTGAAGGGA 1764
Db 20 CGAGGTCGCGTGAAGGGA 1

RESULT 497
US-07-711-303-13/c
; Sequence 13, Application US/07711303
; Patent No. 6337182
; GENERAL INFORMATION:
; APPLICANT: Cerutti, Peter A.
; APPLICANT: Felley-Bosco, Emanuela
; APPLICANT: Sandy, Martha
; APPLICANT: Amstad, Paul
; APPLICANT: Zijlstra, Jacob
; APPLICANT: Pourzand, Charareh
; TITLE OF INVENTION: Method for the Quantitative
; TITLE OF INVENTION: Determination of DNA Sequences
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; STREET: 1300 I Street, N.W. Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/711,303
; FILING DATE: 19910606
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 90110907.4
; FILING DATE: 08-JUN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Lavin Jr., Lawrence M.
; REGISTRATION NUMBER: 30,768
; REFERENCE/DOCKET NUMBER: 2481-1081
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-711-303-13

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1745 CCAGGTCGCGTGAAGGGA 1764
Db 20 CGAGGTCGCGTGAAGGGA 1

RESULT 498
US-08-829-637A-14
; Sequence 14, Application US/08829637A
; Patent No. 6339066
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Phillip Dan Cook
; APPLICANT: Nicholas Dean
; APPLICANT: Glenn Hoke
; TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
; TITLE OF INVENTION: PHOSPHOROTHIOATE LINKAGES OF HIGH CHIRAL PURITY AND
; TITLE OF INVENTION: WHICH MODULATE ai, ail, , k, n, AND ISOFORMS OF
; TITLE OF INVENTION: PROTEIN KINASE C
; NUMBER OF SEQUENCES: 136
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John W. Caldwell (28,937) Woodcock
; ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/829,637A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/481,066
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,129
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/469,851
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/468,569
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/089,996
; FILING DATE: 09-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/058,023
; FILING DATE: 05-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/777,007
; FILING DATE: 16-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/777,760
; FILING DATE: 15-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/852,852
; FILING DATE: 16-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/00243
```

FILING DATE: 11-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/566,977
FILING DATE: 13-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,358
FILING DATE: 11-JAN-1990
ATTORNEY/AGENT INFORMATION:
NAME:
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: ISIS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-829-637A-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1409 AAGAGAAAGACCCAGAGGAG 1428
|||||
DB 1 AAGAGAGAGACCTGACAG 20

RESULT 499
US-09-659-791A-21
Sequence 21, Application US/09659791A
Patent No. 6383808
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Preier
TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
FILE REFERENCE: RTS-0156
CURRENT APPLICATION NUMBER: US/09/659,791A
CURRENT FILING DATE: 2000-09-11
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-21

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2027 AGTTTCCTTTTGAGATACT 2046
|||||
DB 1 AATTTCTTTATTGAGCTACT 20

RESULT 500
US-09-798-096-23/c
Sequence 23, Application US/09798096
Patent No. 6393378
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL2 EXPRESSION
FILE REFERENCE: RTS-0207
CURRENT APPLICATION NUMBER: US/09/798,096
CURRENT FILING DATE: 2001-03-01
NUMBER OF SEQ ID NOS: 89

SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-798-096-23

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 498 CGAGCATCTGCTTCTGTT 517
|||||
DB 20 CGAGGATTATGCTGCTGTT 1

RESULT 501
US-09-657-452A-103/c
Sequence 103, Application US/09657452A
Patent No. 6426188
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
FILE REFERENCE: RTS-0125
CURRENT APPLICATION NUMBER: US/09/657,452A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-103

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1994 TCTCCTAATTCGCGAGTGG 2013
|||||
DB 20 TCTCCTACTCTGCGAGCCGG 1

RESULT 502
US-09-702-327-56/c
Sequence 56, Application US/09702327
Patent No. 6426220
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/702,327
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 56
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-56

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1232 CTGAGGAGGTGGCGATGAG 1251
|||||
DB 20 CTGAGGAGTTTGGCAACGAG 1

```
RESULT 503
US-09-780-175-51/c
; Sequence 51, Application US/09780175
; Patent No. 6440738
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
; FILE REFERENCE: RFS-0164
; CURRENT APPLICATION NUMBER: US/09/780,175
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-51

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1658 GCTCAGGGCAGCTGCTGG 1677
Db 20 GCTCAGAGGAGGTGCTCTGG 1

RESULT 504
US-09-658-679A-25
; Sequence 25, Application US/09658679A
; Patent No. 6444464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RFS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-25

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1632 CCCAGGGCAGAACCAAGG 1651
Db 1 CCCAGGGCCGAGCCCAAGG 20

RESULT 505
US-09-851-062-12/c
; Sequence 12, Application US/09851062
; Patent No. 6448081
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
; FILE REFERENCE: RFS-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
```

```
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-12

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 533 TCITGGCCATCCTGGAACTG 552
Db 20 TCGTGGCCATATGGAACTG 1

RESULT 506
US-09-780-173A-95
; Sequence 95, Application US/09780173A
; Patent No. 6455307
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION
; FILE REFERENCE: RFS-0165
; CURRENT APPLICATION NUMBER: US/09/780,173A
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-173A-95

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1336 GAGGAGGAGAGGGGGCGCG 1355
Db 1 GAGGAGGAGAGGGGGCGCGCG 20

RESULT 507
US-09-920-672-65/c
; Sequence 65, Application US/09920672
; Patent No. 6455308
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RFS-0251
; CURRENT APPLICATION NUMBER: US/09/920,672
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-65

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1659 CTCAGGGCAGCTGTCTGGG 1678
Db 1 CTCAGGGCAGCTGTCTGGG 1678
```

db 20 CTCAGGGAACCTGGCGTGTG 1

RESULT 508

US-09-300-008B-17

; Sequence 17, Application US/09300008B

; Patent No. 6458534

; GENERAL INFORMATION:

; APPLICANT: Concannon et al.

; TITLE OF INVENTION: A GENE ASSOCIATED WITH NIEMEN BREKAGE

; FILE REFERENCE: 9924-0003-228

; CURRENT APPLICATION NUMBER: US/09/300,008B

; CURRENT FILING DATE: 1999-04-27

; PRIOR APPLICATION NUMBER: US 60/083,269

; PRIOR FILING DATE: 1998-04-27

; NUMBER OF SEQ ID NOS: 64

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Primer

US-09-300-008B-17

Query Match

Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 567 GAGGTGCTGTACATTGACA 586

|||||

db 1 GAGGTGCTTTATCTTGACA 20

RESULT 509

JS-09-254-322-14

; Sequence 14, Application US/09254322

; Patent No. 6465439

; GENERAL INFORMATION:

; APPLICANT: Nicklin, Paul

; APPLICANT: Phillips, Judith

; APPLICANT: Love, William

; APPLICANT: Hamilton, Karen

; TITLE OF INVENTION: Pharmaceutical Compositions

; FILE REFERENCE: 4-21026/MA 2138/PCT

; CURRENT APPLICATION NUMBER: US/09/254,322

; CURRENT FILING DATE: 1999-03-04

; EARLIER APPLICATION NUMBER: PCT/EP97/04796

; EARLIER FILING DATE: 1997-09-03

; NUMBER OF SEQ ID NOS: 53

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 14

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: synthetic

; OTHER INFORMATION: oligonucleotide

US-09-254-322-14

Query Match

Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1409 AAGAGAAACCCAGAGGAG 1428

|||||

db 1 AAGAGAGACCTTGACAG 20

RESULT 510

US-09-659-845A-87

; Sequence 87, Application US/09659845A

; Patent No. 6492170

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION

; FILE REFERENCE: RTS-0183

; CURRENT APPLICATION NUMBER: US/09/659,845A

; CURRENT FILING DATE: 2001-07-23

; NUMBER OF SEQ ID NOS: 174

; SEQ ID NO 87

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-659-845A-87

Query Match

Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 153 GAAGCCTCACCGAATCCGCA 172

|||||

db 1 CGAGACTCACCAATCTGCA 20

RESULT 511

US-09-659-845A-165

; Sequence 165, Application US/09659845A

; Patent No. 6492170

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION

; FILE REFERENCE: RTS-0183

; CURRENT APPLICATION NUMBER: US/09/659,845A

; CURRENT FILING DATE: 2001-07-23

; NUMBER OF SEQ ID NOS: 174

; SEQ ID NO 165

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-659-845A-165

Query Match

Best Local Similarity 0.7%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1682 GCTCTTCAGGAGCCACCTT 1701

|||||

db 1 GATGTACCAGGAGCCACTTT 20

RESULT 512

US-09-629-644A-233/c

; Sequence 233, Application US/09629644A

; Patent No. 6492345

; GENERAL INFORMATION:

; APPLICANT: Lex M. Cowser

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Susan M. Freier

; APPLICANT: Brett P. Monia

; APPLICANT: Madeline M. Butler

; APPLICANT: Robert McKay

; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION

; FILE REFERENCE: ISPH-0478

; CURRENT APPLICATION NUMBER: US/09/629,644A

; CURRENT FILING DATE: 2000-07-31

; PRIOR APPLICATION NUMBER: US 09/487,368

; PRIOR FILING DATE: 2000-01-18

; NUMBER OF SEQ ID NOS: 242

; SEQ ID NO 233
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-233

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 238 GCCAATGCTGAGGAGATGAC 257
||| ||||| ||||| |||||
DB 20 GCACAGGCTGAGGAGATGGC 1

RESULT 513
US-09-629-644A-233/c
; Sequence 233, Application US/09629644A
; Patent No. 6602857
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; CURRENT FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 233
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-233

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 238 GCCAATGCTGAGGAGATGAC 257
||| ||||| ||||| |||||
DB 20 GCACAGGCTGAGGAGATGGC 1

RESULT 514
US-09-898-361-57/c
; Sequence 57, Application US/09898361
; Patent No. 6503152
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-57

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1208 AGGCGATTCTTGAGGACGCC 1227
||| ||||| ||||| |||||
DB 20 AGAAGATTCTTGAAGACGGC 1

RESULT 515
US-09-657-346A-31
; Sequence 31, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-31

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 64 ATGGCGCAGCGCAGGGCAC 83
||| ||||| ||||| |||||
DB 1 ACGGAGCAGCGCATGGCAC 20

RESULT 516
US-09-422-978-6513
; Sequence 6513, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6513
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-11966 for SEQ 2579,
US-09-422-978-6513

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1088 AGCTCCACATCAGTCCTTCC 1107


```
RESULT 521
US-10-025-139-14
; Sequence 14, Application US/10025139
; Patent No. 6537973
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Holmlund, Jon T.
; APPLICANT: Dorr, F. Andrew
; TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
; FILE REFERENCE: ISIS4954
; CURRENT APPLICATION NUMBER: US/10/025,139
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 08/829,637
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: US 08/478,178
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/089,996
; PRIOR FILING DATE: 1993-07-09
; PRIOR APPLICATION NUMBER: US 07/852,852
; PRIOR FILING DATE: 1992-03-16
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-025-139-14

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1409 AAGAGAAAGACCCAGAGGAG 1428
Db 1 AAGAGAGAGACCTTGACAG 20

RESULT 522
US-09-614-614-28
; Sequence 28, Application US/09614614
; Patent No. 6544741
; GENERAL INFORMATION:
; APPLICANT: MUGASIMANGALAM, RAJA
; TITLE OF INVENTION: SEQUENCE SPECIFIC AND SEQUENCE NON-SPECIFIC METHODS AND
; FILE REFERENCE: cDNA NORMALIZATION AND SUBTRACTION
; CURRENT APPLICATION NUMBER: 540579-2003
; CURRENT FILING DATE: 2000-07-12
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: killer primer
US-09-614-614-28

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 270 CGATGACTACTTAAATTC 289
Db 1 CGATGACACATTCAGTTAT 20
```

```
RESULT 523
US-09-380-836-48
; Sequence 48, Application US/09380836
; Patent No. 6551775
; GENERAL INFORMATION:
; APPLICANT: Lifton, Richard P.
; APPLICANT: Chang, Sue S.
; APPLICANT: Rossier, Bernard C.
; TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
; TITLE OF INVENTION: Resulting from Deficient Ion Transport such as
; FILE REFERENCE: Pseudohypoaldosteronism Type-1
; CURRENT APPLICATION NUMBER: US/09/380,836
; CURRENT FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/040,171
; PRIOR FILING DATE: 1997-03-11
; PRIOR APPLICATION NUMBER: PCT/US98/04681
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: A-12 reverse
; OTHER INFORMATION: PCR primer
US-09-380-836-48

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 630 CACGACCGGTCTGACTG 649
Db 1 CAGGACCCAGCGGAGACTG 20

RESULT 524
US-09-563-269-34/c
; Sequence 34, Application US/09563269
; Patent No. 6555655
; GENERAL INFORMATION:
; APPLICANT: RUPAR, MARK J.
; APPLICANT: DONOVAN, WILLIAM P.
; APPLICANT: CHU, CHIH-REI
; APPLICANT: PEASE, ELIZABETH
; APPLICANT: TAN, YUPING
; APPLICANT: SLANEY, ANNETTE C.
; APPLICANT: BAUM, JAMES A.
; APPLICANT: MALVAR, THOMAS M.
; TITLE OF INVENTION: COLEOPTERAN-TOXIC POLYPEPTIDE COMPOSITIONS AND INSECT
; FILE REFERENCE: MECO164
; CURRENT APPLICATION NUMBER: US/09/563,269
; CURRENT FILING DATE: 2000-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-563-269-34

Query Match          0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 509 GCTTCTGTTACGTCAATGAT 528
Db 20 GCTTCTATTCGGCAATCAT 1
```

```

; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5517/c
;
; Query Match      0.7%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 4.6e+02;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 278 ACATTAAATCTTGGCTCC 297
Db 20 ACAAGAACTTCTTGGCTGC 1

RESULT 528
US-09-482-520A-5/c
; Sequence 5, Application US/09482520A
; Patent No. 6563018
; GENERAL INFORMATION:
; APPLICANT: AIGAKI, Toshio
; TITLE OF INVENTION: GENE SEARCH VECTOR AND GENE SEARCH METHOD
; FILE REFERENCE: 2000-0030*/LC/00653
; CURRENT APPLICATION NUMBER: US/09/482,520A
; CURRENT FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: JP 200888/1998
; PRIOR FILING DATE: 1998-07-15
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHESIZED
; OTHER INFORMATION: OLIGONUCLEOTIDE
US-09-482-520A-5

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1703 CCACCCATTCTTCCCGTTCT 1722
Db 20 CCGCGAATCTTCCAGTTCT 1

RESULT 529
US-09-081-385-123/c
; Sequence 123, Application US/09081385
; Patent No. 6593456
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/081,385
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:

; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5517/c
;
; Query Match      0.7%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 4.6e+02;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 585 CATTGATATTCACCATGGTG 604
Db 20 CTTTGAAGAACTCACCAGGTG 1

RESULT 526
US-09-198-452A-5921
; Sequence 5921, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5921
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5921

Query Match      0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1224 CGCCATCCCTGAGGAGAGTG 1243
Db 1 CTCCATCACTAGGAGAGAG 20

RESULT 527
US-09-198-452A-6107/c
; Sequence 6107, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6107
; LENGTH: 20
```

; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 123:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-081-385-123

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1450 GAGAAACCAAGGAGGAGAA 1469
||||| ||||| ||||| ||||| |||||
DB 20 GAGAAACCAAGGAGGAGCTGCA 1

RESULT 530
US-09-045-129/c
; Sequence 129, Application US/09780045
; Patent No. 6602713
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B
; FILE REFERENCE: RTS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 129
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-129

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1128 GAATGACTACTGAGAGA 1147
||||| ||||| ||||| ||||| |||||
DB 20 GTATGACTACTGAGAGA 1

RESULT 531
US-09-723-368-16
; Sequence 16, Application US/09723368
; Patent No. 6641818
; GENERAL INFORMATION:
; APPLICANT: NORTHWESTERN UNIVERSITY
; APPLICANT: SPEAR, Patricia G.
; APPLICANT: WARNER, Morgyn S.
; APPLICANT: GERAGHTY, Robert G.
; APPLICANT: MARTINEZ, Wanda M.
; APPLICANT: MONTGOMERY, Rebecca I.
; APPLICANT: COHEN, Gary H.
; APPLICANT: EISENBERG, Roselyn J.
; APPLICANT: WHITBECK, Charles J.

; APPLICANT: KRUMMENACHER, Claude
; APPLICANT: UNIVERSITY OF PENNSYLVANIA
; TITLE OF INVENTION: CELLULAR PROTEINS WHICH MEDIATE HERPESVIRUS ENTRY
; FILE REFERENCE: 200290.0050/2U1
; CURRENT APPLICATION NUMBER: US/09/723,368
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: U.S. 60/087,862
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: PCT/US99/12235
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer pvr07
US-09-723-368-16

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1971 CACTGCTGCCCTCTGTCTG 1990
||||| ||||| ||||| ||||| |||||
DB 1 CACCTTGCCCTCTGTCTG 20

RESULT 532
US-09-665-615B-151
; Sequence 151, Application US/09665615B
; Patent No. 6653133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcusson, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 151
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-665-615B-151

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1828 AGTGCCCTTATTGAACATT 1847
||||| ||||| ||||| ||||| |||||
DB 1 ATGGGACATTATTGAACATT 20

RESULT 533
PCT-US93-02213-14
; Sequence 14, Application PC/TUS9302213
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
; TITLE OF INVENTION: Kinase C
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris

STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/02213
FILING DATE: 19930225
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0872
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
PCT-US93-02213-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

iy 1409 AAGAGAAAGACCCGAGGAG 1428
|||||
yb 1 AAGAGAGAGACCCGAGGAG 20

RESULT 534
PCT-US94-07770-14
Sequence 14, Application PC/TUS9407770
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and
Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of
Kinase C
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07770
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996

FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: February 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
PCT-US94-07770-14

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1409 AAGAGAAAGACCCGAGGAG 1428
|||||
Db 1 AAGAGAGAGACCCGAGGAG 20

RESULT 535
PCT-US95-09011-2
Sequence 2, Application PC/TUS9509011
GENERAL INFORMATION:
APPLICANT: Hybridon, Inc.
TITLE OF INVENTION: Oligonucleotides Having Anti-MDR-1
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/09011
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Kerner Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-022PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US95-09011-2

Query Match 0.7%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;


```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 35
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
JS-09-479-005A-35

Query Match          0.6%; Score 13.4; DB 1; Length 16;
Best Local Similarity 26.7%; Pred. No. 3.1e+02;
Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

2Y 1589 TTCTCTCTGTGTTT 1603
2b 2 UUUUUUUUGUUAUU 16

RESULT 540
JS-09-479-005A-135/c
Sequence 135, Application US/09479005A
Patent No. 6856731
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBH00-884-C
CURRENT APPLICATION NUMBER: US/09/479,005A
CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/444,209
PRIOR FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
SOFTWARE: PatentIn version 3.0
SEQ ID NO 135
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
JS-09-479-005A-135

Query Match          0.6%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 3.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2Y 274 GACTACATTAATTC 288
2b 16 GACTACATTAATTC 2

RESULT 541
JS-08-390-850-577
Sequence 577, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
```

```
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 577:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-390-850-577

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 3.6e+02;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 2044 ACTATTTTCATTTT 2058
Db 1 ACUGUUUCAUUUU 15

RESULT 542
US-08-390-850-597
Sequence 597, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
```



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; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 597:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-390-850-597

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.6e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1775 CAACATAAGACAAA 1789
Db 2 CAACCAUAGAAAAA 16
|||||:|||||

RESULT 543
US-08-435-634-577
; Sequence 577, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
```

```
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 577:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-634-577

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 3.6e+02;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

Qy 2044 ACTATTTTCATTTT 2058
Db 1 ACUGUUUUCAUUUU 15
|||:|||||:|||||

RESULT 544
US-08-435-634-597
; Sequence 597, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
```

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 597:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
JS-08-435-634-597

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.6e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1775 CAACNTAAGACAAA 1789
DB 2 CAACCAUAGAAAA 16

RESULT 545
JS-08-584-040-2508/c
: Sequence 2508, Application US/08584040
: Patent No. 6346398
: GENERAL INFORMATION:
: APPLICANT: Pavco, Pamela
: APPLICANT: McSwiggen, James
: APPLICANT: Stinchcomb, Dan T.
: APPLICANT: Escobedo, Jaime
: TITLE OF INVENTION: METHOD AND REAGENT FOR THE
: TITLE OF INVENTION: TREATMENT OF DISEASES OR
: TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
: TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
: TITLE OF INVENTION: GROWTH FACTOR
: NUMBER OF SEQUENCES: 8502
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: STREET: Suite 4700
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071-2066
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: Word Perfect 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/584,040
: FILING DATE: January 11, 1996
: CLASSIFICATION: 514
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 60/005,974
: FILING DATE: October 26, 1995
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 218/064
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 2508:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear

US-08-584-040-2508

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 351 TGGTGAGGACTGTCC 365
DB 16 TGGAGAGGACTGTCC 2

RESULT 546
US-09-371-772B-1032/c
: Sequence 1032, Application US/09371772B
: Patent No. 6566127
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Pavco, Pam
: APPLICANT: McSwiggen, Jim
: APPLICANT: Stinchcomb, Dan
: APPLICANT: Escobedo, Jaime
: TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
: TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
: FILE REFERENCE: MBHB00, 876-J (237/198)
: CURRENT APPLICATION NUMBER: US/09/371,772B
: CURRENT FILING DATE: 1999-08-10
: PRIOR APPLICATION NUMBER: US 60/005,974
: PRIOR FILING DATE: 1995-10-26
: PRIOR APPLICATION NUMBER: US 08/584,040
: PRIOR FILING DATE: 1996-01-08
: NUMBER OF SEQ ID NOS: 14225
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 1032
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens
US-09-371-772B-1032

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 351 TGGTGAGGACTGTCC 365
DB 16 TGGAGAGGACTGTCC 2

RESULT 547
US-09-371-772B-4644
: Sequence 4644, Application US/09371772B
: Patent No. 6566127
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Pavco, Pam
: APPLICANT: McSwiggen, Jim
: APPLICANT: Stinchcomb, Dan
: APPLICANT: Escobedo, Jaime
: TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
: TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
: FILE REFERENCE: MBHB00, 876-J (237/198)
: CURRENT APPLICATION NUMBER: US/09/371,772B
: CURRENT FILING DATE: 1999-08-10
: PRIOR APPLICATION NUMBER: US 60/005,974
: PRIOR FILING DATE: 1995-10-26
: PRIOR APPLICATION NUMBER: US 08/584,040
: PRIOR FILING DATE: 1996-01-08
: NUMBER OF SEQ ID NOS: 14225
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 4644
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens
US-09-371-772B-4644

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.6e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1437 AGTCACCAAGAGGA 1451
||| ||| ||| ||| |||
Db 3 AGUCACAGAGAGGA 17

RESULT 548
US-09-866-108A-970/c
; Sequence 970, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 970
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-970

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 466 TGGGCTGGGGCCGTG 480
||||| ||| ||| ||| |||
Db 17 TGGGCTTGGGGCCGTG 3

RESULT 549
US-09-866-108A-973/c
; Sequence 973, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 973
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-973

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 465 TTGGGCTGGGGCCCT 479
||||| ||| ||| ||| |||
Db 15 TTGGGCTTGGGGCCCT 1

RESULT 550
US-09-866-108A-2209/c
; Sequence 2209, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

```
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2209
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2209

Query Match      0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

>Y 1970 ACACTGCTGCCTC 1984
||| ||||| ||||| |||
>B 17 ACACTGCTGCATC 3

RESULT 551
US-09-866-108A-2210/c
; Sequence 2210, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2211
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2211

Query Match      0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

>Y 1970 ACACTGCTGCCTC 1984
||| ||||| ||||| |||
>B 15 ACACTGCTGCATC 1

RESULT 553
US-09-866-108A-2736
; Sequence 2736, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
```

APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2736
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2736

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1010 CAGCTGTGGCCCTGG 1024
||||| ||||| ||||| ||||| |||||
Db 3 CAGCTGAGGCCCTGG 17

RESULT 554
US-09-866-108A-2737, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2736
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2736

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2737
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2737

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1010 CAGCTGTGGCCCTGG 1024
||||| ||||| ||||| ||||| |||||
Db 2 CAGCTGAGGCCCTGG 16

RESULT 555
US-09-866-108A-2738, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2738
LENGTH: 17
TYPE: DNA

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ORGANISM: Homo sapiens
US-09-866-108A-2738

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

y 1010 CAGCTGTGGCCCTGG 1024
      ||||| |||||
b 1 CAGCTGAGGCCCTGG 15

RESULT 556
US-09-866-108A-6563
: Sequence 6563, Application US/09866108A
: Patent No. 6686188
: GENERAL INFORMATION:
: APPLICANT: GU, Yizhong
: APPLICANT: JI, Yonggang
: APPLICANT: PENN, Sharron G.
: APPLICANT: HANZEL, David K.
: APPLICANT: RANK, David R.
: APPLICANT: CHEN, Wensheng
: APPLICANT: SHANNON, Mark
: TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
: FILE REFERENCE: AEOMICA-7
: CURRENT APPLICATION NUMBER: US/09/866,108A
: CURRENT FILING DATE: 2001-05-25
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: GB 24263.6
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCT/US01/00666
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00667
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00664
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00669
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00665
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00668
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00663
: PRIOR FILING DATE: 2001-01-30
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 15755
: SOFTWARE: Aeomica Sequence Listing Engine
: Patent No. 6686188
: SEQ ID NO 6563
: LENGTH: 17
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-866-108A-6564

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1013 CTGTGGCCCTGGATA 1027
Db 1 CTCTGGCCCTGGATA 15

RESULT 558
US-09-866-108A-7085
: Sequence 7085, Application US/09866108A
: Patent No. 6686188
: GENERAL INFORMATION:
: APPLICANT: GU, Yizhong
: APPLICANT: JI, Yonggang
: APPLICANT: PENN, Sharron G.
: APPLICANT: HANZEL, David K.
: APPLICANT: RANK, David R.
: APPLICANT: CHEN, Wensheng
: APPLICANT: SHANNON, Mark
: TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
: FILE REFERENCE: AEOMICA-7
: CURRENT APPLICATION NUMBER: US/09/866,108A
: CURRENT FILING DATE: 2001-05-25
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: GB 24263.6
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCT/US01/00666
: PRIOR FILING DATE: 2001-01-30

ORGANISM: Homo sapiens
US-09-866-108A-6563

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

y 1013 CTGTGGCCCTGGATA 1027
      ||||| |||||
b 2 CTCTGGCCCTGGATA 16

RESULT 557
US-09-866-108A-6564
: Sequence 6564, Application US/09866108A
: Patent No. 6686188
: GENERAL INFORMATION:
: APPLICANT: GU, Yizhong
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7085
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7085

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1457 CCAAGGAGGAGGAGC 1471
Db 2 CCAAGGAGGAGGAGC 16

RESULT 559
US-09-866-108A-7086
; Sequence 7086, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7086
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7086

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1457 CCAAGGAGGAGGAGC 1471
Db 2 CCAAGGAGGAGGAGC 16

RESULT 560
US-09-866-108A-8669
; Sequence 8669, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8669
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8669

Query Match          0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1457 CCAAGGAGGAGGAGC 1471
Db 2 CCAAGGAGGAGGAGC 16

RESULT 561
US-09-866-108A-8670
; Sequence 8670, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
```

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
REMAINING Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8670
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
J5-09-866-108A-8670

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1457 CCAAGGAGGAGAAGC 1471
|||||
b 1 CCAAGAGGAGAAGC 15

RESULT 562
J5-08-317-431A-1/c
Sequence 1, Application US/08317431A
Patent No. 5650277
GENERAL INFORMATION:
APPLICANT: Nir Navot and Nurit Eyal
TITLE OF INVENTION: A method of determining the presence and
TITLE OF INVENTION: quantifying the number of di- and
TITLE OF INVENTION: trinucleotide repeats and instrument and
TITLE OF INVENTION: kits therefore
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein
STREET: 2940 Birchtree space lane
CITY: Silver Spring
STATE: Maryland
COUNTRY: United States of America
ZIP: 20906
COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Chicony NB5500/386SX
OPERATING SYSTEM: MS DOS version 6.2,
OPERATING SYSTEM: Windows version 3.1

SOFTWARE: Word for Windows version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/317,431A
FILING DATE: 4-Oct-94
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/084,505
FILING DATE: 1-Jul-93
ATTORNEY/AGENT INFORMATION:
NAME: Friedman, Mark M.
REGISTRATION NUMBER: 33,883
REFERENCE/DOCKET NUMBER: 128/8
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-6938541
TELEFAX: 972-3-6938542
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-317-431A-1

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1179 GCTGCCGACGACCC 1193
|||||
Db 17 GCTGCCGACGACCC 3

RESULT 563
US-08-117-952-183/c
Sequence 183, Application US/08117952
Patent No. 5851760
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 183:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-183

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1557 CTTCCCAACCCCTC 1571
| | | | | | | | | | | | | | | | | |
Db 16 CTTCCCAACCCACTC 2

RESULT 564
US-08-585-684B-2739
; Sequence 2739, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 2739:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-2739

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 4.1e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1974 TGCCTGCCCTCTGTC 1988
: | | : | | | | | : | | : | |
Db 3 UGCGUGCCCCUGUC 17

RESULT 565
US-08-931-072A-11/c
; Sequence 11, Application US/08931072A
; Patent No. 5939542
; GENERAL INFORMATION:
; APPLICANT: KAWAI, SHINTARO
; APPLICANT: MAEKAWAJIRI, SHINJI
; APPLICANT: NAKAMOTO, HIROAKA
; TITLE OF INVENTION: DETECTION OF HLA-DR
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/931,072A
; FILING DATE: 15-SEP-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 7-514371
; FILING DATE: 10-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 209-043-0 CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-931-072A-11

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1491 GGAGGAGGTCAGTT 1505
| | | | | | | | | | | | | | | | | |
Db 16 GGAGGAGGTTAGTT 2

RESULT 566
US-08-931-072A-27
; Sequence 27, Application US/08931072A
; Patent No. 5939542
; GENERAL INFORMATION:
; APPLICANT: KAWAI, SHINTARO
; APPLICANT: MAEKAWAJIRI, SHINJI
; APPLICANT: NAKAMOTO, HIROAKA
; TITLE OF INVENTION: DETECTION OF HLA-DR
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
; CITY: ARLINGTON
; STATE: VA

```

COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/931,072A
FILING DATE: 15-SEP-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 7-514371
FILING DATE: 10-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 209-043-0 CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
IS-08-931-072A-27

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2Y 1491 GGAGGAGGTCAGTT 1505
|||||
3 GGAGGAGGTTAAGTT 17

RESULT 567
IS-09-205-922-59/c
Sequence 59, Application US/09205922
Patent No. 5951455
GENERAL INFORMATION:
APPLICANT: Lex M. Cowseert
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
FILE REFERENCE: RTS-0030
CURRENT APPLICATION NUMBER: US/09/205,922
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 59
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
IS-09-205-922-59

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2Y 1136 ACCTGGAGAGATCA 1150
|||||
18 ACCTGGAGAGATCA 4

RESULT 568
IS-09-156-253-15/c
Sequence 15, Application US/09156253C
Patent No. 6001652
GENERAL INFORMATION:
```

```

APPLICANT: Monia, Brett P.
APPLICANT: Baker, Brenda F.
APPLICANT: Cowseert, Lex M.
TITLE OF INVENTION: Antisense Modulation of CREL Expression
FILE REFERENCE: RTS-0010
CURRENT APPLICATION NUMBER: US/09/156,253C
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 48
SOFTWARE: Patent in Ver. 2.0
SEQ ID NO 15
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-156-253-15

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 128 ACTATTATGGACAAG 142
|||||
15 ACTATTATGGAAAAG 1

Db

RESULT 569
US-09-106-038A-57
Sequence 57, Application US/09106038A
Patent No. 6007995
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Lex M. Cowseert
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals, Inc.
STREET: 2292 Faraday Avenue
CITY: Carlsbad
STATE: CA
COUNTRY: U.S.A.
ZIP: 92008
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RTS-0004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-106-038A-57

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGAGGGAGA 1346
|||||
4 TGAAGAGGAGGGATA 18

Db
```

```
RESULT 570
US-09-177-359-15/c
; Sequence 15, Application US/09177359B
; Patent No. 6183963
; GENERAL INFORMATION:
; APPLICANT: SINNETT, Daniel
; APPLICANT: LABUDA, Damian
; TITLE OF INVENTION: DETECTION OF CYP1A1, CYP3A4, CYP2D6 AND
; TITLE OF INVENTION: NAT2 VARIANTS BY PCR-ALLELE-SPECIFIC OLIGONUCLEOTIDE (ASO)
; FILE OF INVENTION: ASSAY
; FILE REFERENCE: 12667-17"US" FC/lld
; CURRENT APPLICATION NUMBER: US/09/177,359B
; CURRENT FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: cDNA for use as primers
US-09-177-359-15

Query Match          0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1457 CCAAGGAGGAGGAGC 1471
        ||||| |||||
Db       15 CCAAGGTGGAGAGC 1

RESULT 571
US-09-474-922A-39
; Sequence 39, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-474-922A-39

Query Match          0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1707 CCATTCTTCCCGTTC 1721
        ||||| |||||
Db       4 CCATTCTTCCCTTC 18

RESULT 572
US-09-038-073-2739
; Sequence 2739, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
```

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; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2739:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-2739

Query Match          0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 4.1e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      1974 TGCTGCGCTCTGTC 1988
        :|||:|||||:|:|:|
Db       3 UGCCUGCCCCUGUC 17

RESULT 573
US-08-584-040-3066/C
; Sequence 3066, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
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MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3066:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IS-08-584-040-3066

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 351 TGGTGAGGACTGTCC 365
b 17 TGGAGAGGACTGTCC 3

RESULT 574
IS-09-920-760-23/c
Sequence 23, Application US/09920760
Patent No. 6492173
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
FILE REFERENCE: RUS-0275
CURRENT APPLICATION NUMBER: US/09/920,760
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 23
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
IS-09-920-760-23

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 740 ACCCGCTCCGAGACG 754
b 18 ACCTGCTCCGAGACG 4

RESULT 575
IS-09-422-978-6640/c
Sequence 6640, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6640
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-14944 for SEQ 2706,
US-09-422-978-6640

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1556 TCCTCCCAACCCCT 1570
Db 17 TCCTCACCACCCCT 3

RESULT 576
US-09-371-772B-1493/c
Sequence 1493, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
FILE REFERENCE: MHB00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1493
LENGTH: 18
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1493

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 351 TGGTGAGGACTGTCC 365
Db 17 TGGAGAGGACTGTCC 3

RESULT 577
PCT-US93-12600-26
Sequence 26, Application PC/TUS9312600
GENERAL INFORMATION:
APPLICANT: Denner, Larry A.
APPLICANT: Rege, Ajay A.
APPLICANT: Dixon, Richard A.F.
TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A

```
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore &
; ADDRESSEE: Milnamow, Ltd.
; STREET: 180 North Stetson, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12600
; FILING DATE: 28-DEC-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,706
; FILING DATE: December 31, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Katz, Martin L.
; REGISTRATION NUMBER: 25,011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312)616-5400
; TELEFAX: (312)616-5460
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US93-12600-26

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 TTCAAGCTCCACATC 1098
    ||| ||||| |||||
Db 2 TTCAGCTCCACATC 16

RESULT 578
US-08-683-839B-17/c
; Sequence 17, Application US/08683839B
; Patent No. 5744326
; GENERAL INFORMATION:
; APPLICANT: Ill, Charles . R. et al.
; TITLE OF INVENTION: Use of Viral Cis-Acting Post-Transcriptional
; TITLE OF INVENTION: Regulatory Sequences To Increase Expression of
; TITLE OF INVENTION: Intronless Genes Containing Near-Consensus Splice Sites
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/683,839B
; FILING DATE: 11-MARCH-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
```

```
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Remillard, Jane E.
; REGISTRATION NUMBER: 38,972
; REFERENCE/DOCKET NUMBER: TTI-138
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-683-839B-17

Query Match 0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1336 GAGGAGGAGAGGGG 1350
    ||| ||||| |||||
Db 16 GAGGAGGAGAGGTG 2

RESULT 579
US-08-332-766A-67
; Sequence 67, Application US/08332766A
; Patent No. 5843647
; GENERAL INFORMATION:
; APPLICANT: JEFFREYS, Alec J.
; APPLICANT: ARMOUR, John
; TITLE OF INVENTION: SIMPLE TANDEM REPEATS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN DABBY & CUSHMAN, L.L.P.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: D. C.
; COUNTRY: U.S.A.
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/332,766A
; FILING DATE: 01-NOV-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9326052.9
; FILING DATE: 21-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: BIRD, Donald J.
; REGISTRATION NUMBER: 25,323
; REFERENCE/DOCKET NUMBER: 217211/M94/0434/GB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 861-3000
; TELEFAX: (202) 822-0944
; TELEX: 6714627 CUSH
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-332-766A-67

Query Match 0.6%; Score 13.4; DB 1; Length 19;
```

Best Local Similarity 93.3%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1747 AGGTCTGGGTGAAG 1761
| | | | | | | | | |
b 1 AGGTCTGGGTGACAG 15

RESULT 580

JS-08-181-664-68/c
; Sequence 68, Application US/08181664
; Patent No. 6025127
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION IN
; TITLE OF INVENTION: HISTOLOGIC TISSUE
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/181,664

FILING DATE: JANUARY 14, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D., John R.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-3055
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110

INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..19

JS-08-181-664-68

Query Match 0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1584 TTCTATTCTCTGTG 1598
| | | | | | | | | |
b 16 TTCTTTTCTCTGTG 2

RESULT 581

JS-09-545-435-2
; Sequence 2, Application US/09545435
; Patent No. 6416999
; GENERAL INFORMATION:
; APPLICANT: Li, Rong-hao
; APPLICANT: Mather, Jennie P.
; TITLE OF INVENTION: HUMAN MULLERIAN DUCT-DERIVED EPITHELIAL
; TITLE OF INVENTION: CELLS AND METHODS OF ISOLATION AND USES THEREOF
; FILE REFERENCE: 41507200800
; CURRENT APPLICATION NUMBER: US/09/545,435
; CURRENT FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-09-545-435-2

Query Match 0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1134 GTACTCGAGAAGAT 1148
| | | | | | | | | |
Db 5 GTACTCGAGACGAT 19

RESULT 582

US-09-422-978-5823
; Sequence 5823, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5823
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-7136 for SEQ 1889,
US-09-422-978-5823

Query Match 0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1877 CTCTGTGTTTTTCA 1891
| | | | | | | | | |
Db 2 CTCTGTGTTTTTCA 16

RESULT 583

US-09-710-693-16
; Sequence 16, Application US/09710693
; Patent No. 6642370
; GENERAL INFORMATION:
; APPLICANT: WISE, CAROL A
; TITLE OF INVENTION: GENETIC MARKER FOR AUTOIMMUNE DISORDER
; FILE REFERENCE: SEQ FOR TEX871
; CURRENT APPLICATION NUMBER: US/09/710,693
; CURRENT FILING DATE: 2000-11-08
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens

JS-09-710-693-16

Query Match 0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1302 AATGGCCTGTGAGGA 1316
||| ||||| |||||
Db 4 AATGGCCTGTGAGGA 18

RESULT 584

US-08-031-143B-56
; Sequence 56, Application US/08031143B
; Patent No. 5518880
; GENERAL INFORMATION:
; APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
; TREATMENT OF XSCID
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031,143B
; FILING DATE: 12-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE:
; DESCRIPTION: OLIGONUCLEOTIDE
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
US-08-031-143B-56

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1980 CCCTCTGTCTGTCTT 1994
| | | | | | | | | |
Db 2 CACTCTGTCTGTCTT 16

RESULT 585

US-08-390-256-4
; Sequence 4, Application US/08390256
; Patent No. 5538871

; GENERAL INFORMATION:
; APPLICANT: Gerard J. Nuovo et al.
; TITLE OF INVENTION: IMPROVEMENTS IN THE IN SITU POLYMERASE
; CHAIN REACTION
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cetus Corporation
; STREET: 1400 Fifty-Third Street
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.5
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,256
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/733,419
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kevin R. Kaster
; REGISTRATION NUMBER: 32,704
; REFERENCE/DOCKET NUMBER: 2614
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 420-3444
; TELEFAX: (415) 658-5470
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other Nucleic Acid
US-08-390-256-4

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1875 ATCTCTGTCTTTT 1889
| | | | | | | | | |
Db 1 ATCCCTGTCTTTT 15

RESULT 586
US-08-205-507-6/c
; Sequence 6, Application US/08205507
; Patent No. 5543507
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook, Muthiah Manoharan, and Thomas W.
; APPLICANT: Bruice
; TITLE OF INVENTION: Covalently Cross-Linked
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5543507 is
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/205,507

```
; FILING DATE: Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/02059
; FILING DATE: March 5, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucchi
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-1304
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: no
; US-08-205-507-6

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2Y 1332 TGAAGAGGAGGAGA 1346
Db 18 TGAAGAGGATGAGAGA 4

RESULT 587
US-08-487-141B-8
Sequence 8, Application US/08487141B
Patent No. 5683987
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO

; ANTI-SENSE: YES
; US-08-487-141B-8

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1525 AGCTCTGGCTTCCTG 1539
Db 1 AGCTCAGGCTTCCTG 15

RESULT 588
US-08-255-892-90
Sequence 90, Application US/08255892
Patent No. 5695926
GENERAL INFORMATION:
APPLICANT: CROS, PHILIPPE
APPLICANT: ALLIBERT, PATRICE
APPLICANT: MALLET, FRANCOIS
APPLICANT: MABILAT, CLAUDE
APPLICANT: MANDRAND, BERNARD
TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE
TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
STREET: 1100 NEW YORK AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/834,543
FILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: DEEVER, DONALD B.
REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032/94109
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-255-892-90

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1589 TTCTCTGTGTATTT 1603
Db 1 TTCTCTGTGTATTT 15

RESULT 589
US-08-295-743-6/c

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```


; Sequence 6, Application US/08295743
; Patent No. 5719271
; GENERAL INFORMATION:
; APPLICANT: ISIS Pharmaceuticals, Inc.
; TITLE OF INVENTION: Covalently Cross-Linked
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; ADDRESSEE: and No. 5719271ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/295,743
; FILING DATE: 30-AUG-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 846,376
; FILING DATE: 05-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucchi
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-1006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 18
; OTHER INFORMATION: nucleotide modified to
; OTHER INFORMATION: incorporate a pentylamino functionality
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 18
; OTHER INFORMATION: nucleotide modified to
; OTHER INFORMATION: incorporate a pentylamino functionality
US-08-295-743-6

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGGGAGGA 1346
|||||
Db 18 TGAAGAGGTGGAGA 4

RESULT 590
US-08-361-858-8/c
; Sequence 8, Application US/08361858
; Patent No. 5834607
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
; TITLE OF INVENTION: MAKING AND USING THE SAME
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; ADDRESSEE: and No. 5834607ris

; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/361,858
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/943,516
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Gaumont, Rebecca R.
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-0484
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 9
; OTHER INFORMATION: /note=
; OTHER INFORMATION: "2'-O-aminopentoxo-2'-deoxyadenosine"
US-08-361-858-8

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGGGAGGA 1346
|||||
Db 18 TGAAGAGGTGGAGA 4

RESULT 591
US-08-361-858-9/c
; Sequence 9, Application US/08361858
; Patent No. 5834607
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
; TITLE OF INVENTION: MAKING AND USING THE SAME
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; ADDRESSEE: and No. 5834607ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/361,858
; FILING DATE:
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/943,516

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Gaumond, Rebecca R.

REGISTRATION NUMBER: 35,152

REFERENCE/DOCKET NUMBER: ISIS-0484

TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

JS-08-361-858-9

Query Match 0.6%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 5.2e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGAGGAGA 1346

|||||

Db 18 TGAAGAGGATGGAGA 4

RESULT 592

JS-08-609-443B-45/c

Sequence 45, Application US/08609443B

Patent No. 5840693

GENERAL INFORMATION:

APPLICANT: ERIKSSON, Ulf

APPLICANT: OLOFSSON, Birgitta

APPLICANT: ALITALO, Kari

APPLICANT: PAJUSOLA, Katri

TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND

TITLE OF INVENTION: DNA CODING THEREFOR

NUMBER OF SEQUENCES: 57

CORRESPONDENCE ADDRESS:

ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.

STREET: 1200 G Street, N.W., Suite 700

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/609,443B

FILING DATE: 01-MAR-1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/397,651

FILING DATE: 01-MAR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/469,427

FILING DATE: 06-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/569,063

FILING DATE: 06-DEC-1995

ATTORNEY/AGENT INFORMATION:

NAME: EVANS, Joseph D

REGISTRATION NUMBER: 26,269

REFERENCE/DOCKET NUMBER: 1064/41979CP4

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 628-8800

TELEFAX: (202) 628-8844

INFORMATION FOR SEQ ID NO: 45:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-609-443B-45

Query Match 0.6%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 5.2e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1183 CCGCAGCGACCTGGG 1197

|||||

Db 20 CCGCAGGTACCTGGG 6

RESULT 593

US-08-927-561-8

Sequence 8, Application US/08927561

Patent No. 5874567

GENERAL INFORMATION:

APPLICANT: Smith, Larry J.

TITLE OF INVENTION: Therapeutic Oligonucleotides

TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes

NUMBER OF SEQUENCES: 114

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dann, Dorfman, Herrell and Skillman

STREET: 1601 Market Street Suite 720

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103-2307

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/927,561

FILING DATE: 08-SEPT-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/487,141

FILING DATE: 05-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Rigaut, Kathleen D.

REGISTRATION NUMBER: P43,047

REFERENCE/DOCKET NUMBER: 63082C1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215)563-4100

TELEFAX: (215)563-4044

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: not relevant

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: YES

US-08-927-561-8

Query Match 0.6%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 5.2e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1525 AGCTCTGCTTCCTG 1539

|||||

Db 1 AGCTCAGGCTTCCTG 15

RESULT 594

[illegible]

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;
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-750-064-20

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2Y 1531 GGCTTCCTGCTGAGT 1545
   |||||
   |||||
2b 1 GGCTTCCTGCTGAGT 15

RESULT 597
US-08-289-267-91
; Sequence 91, Application US/09289267A
; Patent No. 6046320
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION
; FILE REFERENCE: RYS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 91
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; S-09-289-267-91

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1722 TTAACCTTGAACCAT 1736
   |||||
   |||||
2b 2 TTAACCTTGAACCAT 16

RESULT 598
US-08-810-641-4
; Sequence 4, Application US/08810641
; Patent No. 6074868
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, M.
; TITLE OF INVENTION: ALUMINA PLATE METHOD AND DEVICE
; TITLE OF INVENTION: FOR CONTROLLING TEMPERATURE
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth, P.A.
; STREET: P.O. Box 2938
; CITY: Minneapolis
; STATE: MN
; COUNTRY: U.S.A
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/810,641
; FILING DATE: 03-MAR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:

;
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Embretson, Janet E
; REGISTRATION NUMBER: 39,665
; REFERENCE/DOCKET NUMBER: 600.383US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-373-6900
; TELEFAX: 612-339-3061
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-08-810-641-4

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1875 ATCTCCTGTTTTTTT 1889
   |||||
   |||||
2b 1 ATCTCCTGTTTTTTT 15

RESULT 599
US-08-850-347-9
; Sequence 9, Application US/08850347
; Patent No. 6110742
; GENERAL INFORMATION:
; APPLICANT: Soreq, Hermona
; APPLICANT: Seidman, Shlomo
; APPLICANT: Eckstein, Fritz
; TITLE OF INVENTION: SYNTHETIC ANTISENSE
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDES AND PHARMACEUTICAL COMPOSITIONS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 No. 6110742thwestern Hwy.
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/850,347
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: 2391.000057
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (248) 539-5050
; TELEFAX: (248) 539-5055
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: mouse
; US-08-850-347-9
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```
Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1335 AGAGGAGGAGGAGG 1349
      |||||
Db 1 AGAGGAGGAGGAGG 15

RESULT 600
US-08-713-742-6/c
; Sequence 6, Application US/08713742
; Patent No. 6111085
; GENERAL INFORMATION:
; APPLICANT: Cook and Manoharan
; TITLE OF INVENTION: Carbamate-Derivatized Nucleosides And
; TITLE OF INVENTION: Oligonucleosides
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6111085ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/713,742
; FILING DATE: 17-SEP-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION/DOCKET NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2350
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-713-742-6

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGAGGAGGAGA 1346
      |||||
Db 18 TGAAGAGGAGGAGGAGA 4

RESULT 601
US-08-862-431-34
; Sequence 34, Application US/08862431
; Patent No. 6120994
; GENERAL INFORMATION:
; APPLICANT: TAM, SHUI-PANG
; TITLE OF INVENTION: ANTIOXIDANT RESPONSIVE ELEMENT
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
; STREET: 1100 NEW YORK AVENUE, SUITE 600
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: US
; ZIP: 20005-3934
```

```
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/862,431
; FILING DATE: 23-MAY-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kim, Judith U.
; REGISTRATION NUMBER: 40,679
; REFERENCE/DOCKET NUMBER: 1669.0020000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-862-431-34

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1629 ATCCCCAGGGACAGA 1643
      |||||
Db 2 AGCCCCAGGGACAGA 16

RESULT 602
US-09-249-730-28/c
; Sequence 28, Application US/09249730
; Patent No. 6121000
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-040
; CURRENT APPLICATION NUMBER: US/09/249,730
; CURRENT FILING DATE: 1999-02-11
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-730-28

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1682 GCTCTTCAGGAGCC 1696
      |||||
Db 20 GATCTTCAGGAGCC 6

RESULT 603
US-08-990-065-9
; Sequence 9, Application US/08990065
; Patent No. 6121046
; GENERAL INFORMATION:
; APPLICANT: Soreq, Hermona
; APPLICANT: Seidman, Shlomo
; APPLICANT: Eckstein, Fritz
; APPLICANT: Friedman, Alon
; APPLICANT: Kaufer, Daniela
; TITLE OF INVENTION: SYNTHETIC ANTISENSE
```

```

TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDES AND PHARMACEUTICAL COMPOSITIONS
TITLE OF INVENTION: CONTAINING THEM
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
  ADDRESSEE: Kohn & Associates
  STREET: 30500 No. 6121046thwestern Hwy. Suite 410
  CITY: Farmington Hills
  STATE: Michigan
  COUNTRY: U.S.
  ZIP: 48334
COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/990,065
  FILING DATE:
  CLASSIFICATION: 514
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US 08/850,347
  FILING DATE: 02-WAY-1997
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US 08/318,826
  FILING DATE: 01-JAN-1994
ATTORNEY/AGENT INFORMATION:
  NAME: Montgomery, Ilene N.
  REGISTRATION NUMBER: 38,972
  REFERENCE/DOCKET NUMBER: 2391.00086
  TELECOMMUNICATION INFORMATION:
  TELEPHONE: (248) 539-5050
  TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
  LENGTH: 20 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: single
  TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: YES
IS-08-990-065-9

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y      1335 AGAGGAGGAGGAGG 1349
      |||||
b      1 AGAGGAGGAGGAGG 15

RESULT 604
S-08-211-882-3/c
Sequence 3, Application US/08211882
Patent No. 6153737
GENERAL INFORMATION:
  APPLICANT: Manoharan et al.
  TITLE OF INVENTION: Derivatized Oligonucleotides Having
  TITLE OF INVENTION: Improved Uptake And Other Properties
  NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
  ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6153737ris
  STREET: One Liberty Place - 46th Floor
  CITY: Philadelphia
  STATE: PA
  COUNTRY: U.S.A.
  ZIP: 19103
COMPUTER READABLE FORM:
  MEDIUM TYPE: 3.5 inch disk, 720 Kb
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: WordPerfect 6.1

;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/211.882
; FILING DATE: 22-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/782,374
; FILING DATE: 24-OCT-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0649
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-211-882-3

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy     1332 TGAAGAGGAGGAGA 1346
      |||||
Db     18 TGAAGAGGATGAGA 4

RESULT 605
US-09-433-699-63/c
Sequence 63, Application US/09433699B
Patent No. 6165786
GENERAL INFORMATION:
  APPLICANT: C. Frank Bennett
  APPLICANT: Lex M. Cowser
  TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
  FILE REFERENCE: RTS-0109
  CURRENT APPLICATION NUMBER: US/09/433,699B
  CURRENT FILING DATE: 1999-11-03
  NUMBER OF SEQ ID NOS: 89
  SEQ ID NO 63
  LENGTH: 20
  TYPE: DNA
  ORGANISM: Artificial Sequence
  FEATURE:
  OTHER INFORMATION: Antisense Oligonucleotide
  US-09-433-699-63

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy     328 AAGCAGTGCAGAGA 342
      |||||
Db     17 AAGCTGATGCAGAGA 3

RESULT 606
US-09-428-696-69/c
Sequence 69, Application US/09428696
Patent No. 6165789
GENERAL INFORMATION:
  APPLICANT: Brett P. Monia
  APPLICANT: Lex M. Cowser
  TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION
  FILE REFERENCE: RTS-0111
  CURRENT APPLICATION NUMBER: US/09/428,696
  CURRENT FILING DATE: 1999-10-27
  NUMBER OF SEQ ID NOS: 89
  SEQ ID NO 69
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-696-69

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 410 GTTCTGTGGCAAGTG 424
Db 15 GTTCTGTGGAAAGTG 1

RESULT 607
US-09-433-694-36
; Sequence 36, Application US/09433694
; Patent No. 6165790
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P55 GAMMA EXPRESSION
; FILE REFERENCE: RTS-0098
; CURRENT APPLICATION NUMBER: US/09/433.694
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-694-36

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 545 TGGAACTGCTAAAGT 559
Db 2 TGGAACTGCTGAAGT 16

RESULT 608
US-09-433-694-47/c
; Sequence 47, Application US/09433694
; Patent No. 6165790
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P55 GAMMA EXPRESSION
; FILE REFERENCE: RTS-0098
; CURRENT APPLICATION NUMBER: US/09/433.694
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-694-47

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1283 TCTGCTCTCTGACA 1297
      ||||| ||||| |||||
```

```
Db 19 TCTGATCCTCTGACA 5

RESULT 609
US-09-372-856-6/c
; Sequence 6, Application US/09372856
; Patent No. 6166188
; GENERAL INFORMATION:
; APPLICANT: Cook and Manoharan
; TITLE OF INVENTION: Carbamate-Derivatized Nucleosides And
; Oligonucleosides
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6166188rls
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT 4.0
; SOFTWARE: WordPerfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/372,856
; FILING DATE: 12-AUG-1999
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/713,742
; FILING DATE: 13-SEP-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-4070
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-372-856-6

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGAGGAGA 1346
Db 18 TGAAGAGGAGTGAGA 4

RESULT 610
US-09-103-875-122/c
; Sequence 122, Application US/09103875A
; Patent No. 6221849
; GENERAL INFORMATION:
; APPLICANT: Szyf, Moshe
; APPLICANT: Bigey, Pascal
; APPLICANT: Ramchandani, Shyam
; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
; Oligonucleotides
; FILE REFERENCE: 106101.194
; CURRENT APPLICATION NUMBER: US/09/103,875A
; CURRENT FILING DATE: 1998-06-24
; EARLIER APPLICATION NUMBER: 60/069,865
; EARLIER FILING DATE: 1997-12-17
; EARLIER APPLICATION NUMBER: 08/866,340
; EARLIER FILING DATE: 1997-05-30
```

NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 122
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
JS-09-103-875-122

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1648 AAGGCCCGAGCTCA 1662
|||||
b 15 AAGGCCCGAGCTCA 1

RESULT 611

JS-09-389-896-4
; Sequence 4, Application US/09389896
; Patent No. 6228634
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Martin
; APPLICANT: Chaplin, Jonathan
; TITLE OF INVENTION: Thermostable cycling or temperature control
; TITLE OF INVENTION: device and method using alumina plate
; FILE REFERENCE: 600,383US2
; CURRENT APPLICATION NUMBER: US/09/389,896
; CURRENT FILING DATE: 1999-09-03
; EARLIER APPLICATION NUMBER: PCT/US98/04041
; EARLIER FILING DATE: 1998-03-03
; EARLIER APPLICATION NUMBER: US 08/810,641
; EARLIER FILING DATE: 1997-03-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human papillomavirus, type 16
JS-09-389-896-4

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1875 ATCTCCTGTTTTTTT 1889
|||||
b 1 ATCTCCTGTTTTTTT 15

RESULT 612

JS-09-128-508-4/c
; Sequence 4, Application US/09128508
; Patent No. 6232463
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ramasamy, Kanda S
; TITLE OF INVENTION: Substituted Purines and Oligonucleotide Cross-Linking
; FILE REFERENCE: ISIS3152
; CURRENT APPLICATION NUMBER: US/09/128,508
; CURRENT FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: PCT/US91/00243
; PRIOR FILING DATE: 1991-01-11
; PRIOR APPLICATION NUMBER: 07/463,358
; PRIOR FILING DATE: 1990-01-11
; PRIOR APPLICATION NUMBER: 08/189,792
; PRIOR FILING DATE: 1994-02-01
; PRIOR APPLICATION NUMBER: 08/948,151
; PRIOR FILING DATE: 1997-10-09

NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6232463el
; OTHER INFORMATION: Sequence
US-09-128-508-4

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGAGGAGA 1346
|||||
Db 18 TGAAGAGGAGGAGA 4

RESULT 613

US-08-397-277A-8/c
; Sequence 8, Application US/08397277A
; Patent No. 6235886
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Phillip D. Cook
; TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
; TITLE OF INVENTION: MAKING AND USING THE SAME
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; ADDRESSEE: and No. 6235886ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,277A
; FILING DATE: 09-MAR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/943,516
; FILING DATE: 11-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Gaumond, Rebecca R.
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1198
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 9
; OTHER INFORMATION: /note=
; OTHER INFORMATION: "2'-O-aminopentoxo-2'-deoxyadenosine"
US-08-397-277A-8

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;


```
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1332 TGAAGAGGAGGAGA 1346
Db 18 TGAAGAGGATGGAGA 4
|||||
RESULT 614
US-08-397-277A-9/c
; Sequence 9, Application US/08397277A
; Patent No. 6235886
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Phillip D. Cook
; TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
; TITLE OF INVENTION: MAKING AND USING THE SAME
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; ADDRESSEE: and No. 6235886ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/397,277A
; FILING DATE: 09-MAR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/943,516
; FILING DATE: 11-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Gaumont, Rebecca R.
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1198
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 9:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-397-277A-9
Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1332 TGAAGAGGAGGAGA 1346
Db 18 TGAAGAGGATGGAGA 4
|||||
RESULT 615
US-09-330-330-4
; Sequence 4, Application US/09330330
; Patent No. 6274789
; GENERAL INFORMATION:
; APPLICANT: Yano, Masahiro
; APPLICANT: Iwamoto, Masao
; APPLICANT: Katayose, Yuichi
; APPLICANT: Sasaki, Takuji
; APPLICANT: Wang, Zi-Xuan
; APPLICANT: Yamanouchi, Utako
```

```
; APPLICANT: Ishimaru, Lisa
; TITLE OF INVENTION: RICE GENE RESISTANT TO BLAST DISEASE
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/330,330
; FILING DATE: 11-JUN-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 10-181455
; FILING DATE: 12-JUN-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Fraser, Ph.D., J.D., Janis K.
; REGISTRATION NUMBER: 34,819
; REFERENCE/DOCKET NUMBER: 06501/032001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-330-330-4
Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 209 GAAAAATGGAATCT 223
Db 4 GAAAAATGGAATGT 18
|||||
RESULT 616
US-09-467-642-42
; Sequence 42, Application US/09467642
; Patent No. 6300132
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRE
; FILE REFERENCE: RTS-0106
; CURRENT APPLICATION NUMBER: US/09/467,642
; CURRENT FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-467-642-42
Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 947 TGCTGATGCTGGGAG 961
Db 6 TGCTGATGCTGGGAG 20
|||||
```

RESULT 617
US-09-688-394-6/c
Sequence 6, Application US/09688394
Patent No. 6322987
GENERAL INFORMATION:
APPLICANT: Cook and Manoharan
TITLE OF INVENTION: Carbamate-Derivatized Nucleosides And
TITLE OF INVENTION: Oligonucleosides
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6322987ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT 4.0
SOFTWARE: WordPerfect 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/688,394
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/372,856
FILING DATE: 12-AUG-1999
APPLICATION NUMBER: 08/713,742
FILING DATE: 13-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucchi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-4070
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-688-394-6
Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Y 1332 TGAAGAGAGGAGGA 1346
b 18 TGAAGAGGATGGAGA 4
RESULT 618
US-08-851-896-45/c
Sequence 45, Application US/08851896
Patent No. 6331301
GENERAL INFORMATION:
APPLICANT: ERIKSSON, Ulf
APPLICANT: OLOFSSON, Birgitta
APPLICANT: ALITALO, Kari
APPLICANT: PAJUSOLA, Katari
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.I.L.C.
STREET: 1200 G Street, N.W., Suite 700
CITY: Washington
STATE: DC

COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,896
FILING DATE: 06-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/609,443B
FILING DATE: 01-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/569,063
FILING DATE: 06-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: EVANS, Joseph D
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 1064/41979CP4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-851-896-45
Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1183 CCGCAGCGACCTGGG 1197
Db 20 CCGCAGCTACCTGGG 6
RESULT 619
US-09-629-645A-106/c
Sequence 106, Application US/09629645A
Patent No. 6365354
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
FILE REFERENCE: RTS-0137
CURRENT APPLICATION NUMBER: US/09/629,645A
CURRENT FILING DATE: 2000-07-31
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 106
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-645A-106
Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1616 ATTAATAATATATAT 1630
b 1616 ATTAATAATATATAT 1630


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STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/689,964
FILING DATE: 12-Oct-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/397,277
FILING DATE: 09-MAR-1995
APPLICATION NUMBER: 07/943,516
FILING DATE: 11-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gaumond, Rebecca R.
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1198
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9
OTHER INFORMATION: /note=
"2'-O-aminopentoxo-2'-deoxyadenosine"
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-689-964-8
Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
y 1332 TGAAGAGGAGGAGA 1346
|||||
b 18 TGAAGAGGATGGAGA 4
RESULT 624
US-09-689-964-9/c
Sequence 9, Application US/09689964
Patent No. 6495671
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
Phillip D. Cook
TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
and No. 6495671ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/689,964
FILING DATE: 12-Oct-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/397,277
FILING DATE: 09-MAR-1995
APPLICATION NUMBER: 07/943,516
FILING DATE: 11-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gaumond, Rebecca R.
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1198
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-689-964-9
Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1332 TGAAGAGGAGGAGA 1346
|||||
Db 18 TGAAGAGGATGGAGA 4
RESULT 625
US-09-689-964-9/c
Sequence 9, Application US/09689964
Patent No. 6399757
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
Phillip D. Cook
TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
and No. 6399757ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/689,964
FILING DATE: 12-Oct-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/397,277
FILING DATE: 09-MAR-1995
APPLICATION NUMBER: 07/943,516
FILING DATE: 11-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gaumond, Rebecca R.
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1198
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US/09/689,964
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; SEQUENCE CHARACTERISTICS:
;   LENGTH: 20 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA (genomic)
;   SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-689-964-9

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 TGAAGAGGGGAGGAGA 1346
DB 18 TGAAGAGGATGGAGA 4

RESULT 626
US-09-657-452A-96/c
; Sequence 96, Application US/09657452A
; Patent No. 6426188
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
; FILE REFERENCE: R1S-0125
; CURRENT APPLICATION NUMBER: US/09/657,452A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-96

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GCATCTGGCTCTGT 516
DB 20 GCATCTGGCATCTGT 6

RESULT 627
US-09-422-978-4896/c
; Sequence 4896, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4896
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
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; OTHER INFORMATION: upstream amplification primer 99-18536 for SEQ 962,
US-09-422-978-4896

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1401 GGATGAAAAAGAGAA 1415
DB 20 GGATGAAAAAGAAA 6

RESULT 628
US-09-422-978-10868/c
; Sequence 10868, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10868
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-21566 for SEQ 3003, in complete
US-09-422-978-10868

Query Match          0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1384 AAGAGAGTCAAAACA 1398
DB 16 AAGAAAGTCAAAACA 2

RESULT 629
US-09-060-299-268/c
; Sequence 268, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hees, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 NO. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
```

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 268:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-060-299-268

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1305 TGCCTGTGAGGAGA 1319
b 18 TCCCTGTGAGGAGA 4

RESULT 630
US-09-402-923A-268/c
Sequence 268, Application US/09402923A
Patent No. 6555654
GENERAL INFORMATION:
APPLICANT: Todd, John A
Hess, John W
Casky, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. 6555654el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102

; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 268:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 268:
US-09-402-923A-268

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1305 TGCCTGTGAGGAGA 1319
Db 18 TCCCTGTGAGGAGA 4

RESULT 631
US-09-198-452A-1900/c
; Sequence 1900, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1900
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1900

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1034 TCCCTAATGAGCTTC 1048
Db 17 TCCCAATGAGCTTC 3

RESULT 632
US-09-198-452A-4696
; Sequence 4696, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4696
; LENGTH: 20

```
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4696

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1814 TAGTAGCTTTGGAAA 1828
      |||||
Db 5 TAGTAGCTGTGGAAA 19

RESULT 633
US-09-198-452A-5555
; Sequence 5555, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5555
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5555

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 889 CTAACCTATCAAAGGA 903
      |||||
Db 6 CTAACCTATCAGGA 20

RESULT 634
US-09-249-247-28/c
; Sequence 28, Application US/09249247
; Patent No. 6593305
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/09/249,247
; CURRENT FILING DATE: 1999-02-11
; EARLIER APPLICATION NUMBER: US 60/023,040
; EARLIER FILING DATE: 1996-08-02
; EARLIER APPLICATION NUMBER: US 60/039,959
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: US 08/904,901
; EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-247-28

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1682 GCTCTTCAGGAGCC 1696
      |||||
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```
Db 20 GATCTTCAGGAGCC 6

RESULT 635
US-10-027-983-22/c
; Sequence 22, Application US/10027983
; Patent No. 6617162
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-22

Query Match      0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1724 AACTTTGAACCATAA 1738
      |||||
Db 19 AACTTTGAACCATCA 5

RESULT 636
PCT-US93-02059-6/c
; Sequence 6, Application PC/TUS9302059
; GENERAL INFORMATION:
; APPLICANT: David Ecker
; TITLE OF INVENTION: Covalently Cross-Linked Oligonucleotides
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/02059
; FILING DATE: 19930305
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 846,376
; FILING DATE: March 5, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
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ANTI-SENSE: yes
PCT-US93-02059-6
  Query Match          0.6%; Score 13.4; DB 1; Length 20;
  Best Local Similarity 93.3%; Pred. No. 5.2e+02;
  Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

  y 1332 TGAAGAGAGGGGAGA 1346
  b 18 TGAAGAGGATGGAGA 4

RESULT 637
PCT-US93-08367A-8/c
  Sequence 8, Application PC/TUS9308367A
  GENERAL INFORMATION:
  APPLICANT: Manoharan, Muthiah
  TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
  MAKING AND USING THE SAME
  NUMBER OF SEQUENCES: 16
  CORRESPONDENCE ADDRESS:
  ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
  ADDRESSEE: and Norris
  STREET: One Liberty Place - 46th Floor
  CITY: Philadelphia
  STATE: PA
  COUNTRY: U.S.A.
  ZIP: 19103
  COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: PatentIn Release #1.0, Version #1.25
  CURRENT APPLICATION DATA:
  APPLICATION NUMBER: PCT/US93/08367A
  FILING DATE:
  CLASSIFICATION:
  ATTORNEY/AGENT INFORMATION:
  NAME: Gaumond, Rebecca R.
  REGISTRATION NUMBER: 35,152
  REFERENCE/DOCKET NUMBER: ISIS-1171
  TELECOMMUNICATION INFORMATION:
  TELEPHONE: 215-568-3100
  TELEFAX: 215-568-3439
  INFORMATION FOR SEQ ID NO: 9:
  SEQUENCE CHARACTERISTICS:
  LENGTH: 20 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: single
  TOPOLOGY: linear
  MOLECULE TYPE: DNA (genomic)
  PCT-US93-08367A-9

  Query Match          0.6%; Score 13.4; DB 1; Length 20;
  Best Local Similarity 93.3%; Pred. No. 5.2e+02;
  Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

  y 1332 TGAAGAGAGGGGAGA 1346
  b 18 TGAAGAGGATGGAGA 4

RESULT 638
PCT-US93-08367A-9/c
  Sequence 9, Application PC/TUS9308367A
  GENERAL INFORMATION:
  APPLICANT: Manoharan, Muthiah

```

```

  APPLICANT: Phillip D. Cook
  TITLE OF INVENTION: NOVEL AMINES AND METHODS OF
  MAKING AND USING THE SAME
  NUMBER OF SEQUENCES: 16
  CORRESPONDENCE ADDRESS:
  ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
  ADDRESSEE: and Norris
  STREET: One Liberty Place - 46th Floor
  CITY: Philadelphia
  STATE: PA
  COUNTRY: U.S.A.
  ZIP: 19103
  COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: PatentIn Release #1.0, Version #1.25
  CURRENT APPLICATION DATA:
  APPLICATION NUMBER: PCT/US93/08367A
  FILING DATE:
  CLASSIFICATION:
  ATTORNEY/AGENT INFORMATION:
  NAME: Gaumond, Rebecca R.
  REGISTRATION NUMBER: 35,152
  REFERENCE/DOCKET NUMBER: ISIS-1171
  TELECOMMUNICATION INFORMATION:
  TELEPHONE: 215-568-3100
  TELEFAX: 215-568-3439
  INFORMATION FOR SEQ ID NO: 9:
  SEQUENCE CHARACTERISTICS:
  LENGTH: 20 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: single
  TOPOLOGY: linear
  MOLECULE TYPE: DNA (genomic)
  PCT-US93-08367A-9

  Query Match          0.6%; Score 13.4; DB 1; Length 20;
  Best Local Similarity 93.3%; Pred. No. 5.2e+02;
  Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

  y 1332 TGAAGAGAGGGGAGA 1346
  b 18 TGAAGAGGATGGAGA 4

RESULT 639
PCT-US94-02891-56
  Sequence 56, Application PC/TUS9402891
  GENERAL INFORMATION:
  APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
  REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
  SERVICES
  APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
  APPLICANT: INSTITUTES OF HEALTH, BOX CTT, BETHESDA, MARYLAND 20892 USA
  TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
  CORRESPONDENCE ADDRESSES:
  NUMBER OF SEQUENCES: 69
  ADDRESS: MORGAN & FINNEGAN
  STREET: 345 PARK AVE.
  CITY: NEW YORK
  STATE: NEW YORK
  COUNTRY: USA
  ZIP: 10154
  COMPUTER READABLE FORM:
  MEDIUM TYPE: FLOPPY DISK
  COMPUTER: IBM PC COMPATIBLE
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: WORD PERFECT # 5.1
  CURRENT APPLICATION DATA:
  APPLICATION NUMBER: PCT/US94/02891
  FILING DATE:

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; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/031,143
; FILING DATE: 12-MAR-1993
; APPLICATION NUMBER: 08/121,435
; FILING DATE: 14-SEPT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE: OLIGONUCLEOTIDE
; DESCRIPTION: NO
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
; PCT-US94-02891-56

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1980 CCCTGCTGCTGCTT 1994
Db 2 CACTGCTGCTGCTT 16

RESULT 640
PCT-US96-09388-8
; Sequence 8, Application PC/TUS9609388
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09388
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 8:
```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; PCT-US96-09388-8

Query Match 0.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1525 AGCTCTGGCTTCCTG 1539
Db 1 AGCTCAGCTTCCTG 15

RESULT 641
US-07-874-334-14
; Sequence 14, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOPHORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-874-334-14

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1393 AAAACAGAGGATGAAAAA 1410
Db 1 AAAAGAAAGGAGGAAAAA 18

RESULT 642
US-08-010-997-2
```

```
; Sequence 2, Application US/08010997
; Patent No. 5527695
; GENERAL INFORMATION:
; APPLICANT: Hodges, Thomas K.
; APPLICANT: Lyznik, Leszek A.
; TITLE OF INVENTION: Controlled Modification of Eukaryotic
; TITLE OF INVENTION: Genomes
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Barnes & Thornburg
; STREET: 11 South Meridian St.
; CITY: Indianapolis
; STATE: Indiana
; COUNTRY: U.S.A.
; ZIP: 46204
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/010,997
; FILING DATE: 29-JAN-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lammert, Steven R.
; REGISTRATION NUMBER: 27,653
; REFERENCE/DOCKET NUMBER: 08/010,997
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (317) 231-7258
; TELEFAX: (317) 231-7433
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; JS-08-010-997-2
;
; Query Match 0.6%; Score 13.2; DB 1; Length 18;
; Best Local Similarity 83.3%; Pred. No. 4.6e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; y 1264 CCTCACAGCGCATCTCG 1281
; ||| ||| ||| ||| ||| |||
; b 1 CCTCACAGGCTCATCTCG 18
;
; RESULT 643
; JS-08-152-019A-15/c
; Sequence 15, Application US/08152019A
; Patent No. 5565331
; GENERAL INFORMATION:
; APPLICANT: Tessier-Lavigne, Marc
; APPLICANT: Serafini, Tito
; APPLICANT: Kennedy, Timothy
; APPLICANT: Placzek, Marysia
; APPLICANT: Jessell, Thomas
; APPLICANT: Dodd, Jane
; TITLE OF INVENTION: NEURAL AXON OUTGROWTH MODULATORS
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
```

```
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,019A
; FILING DATE: 12-NOV-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Osman, Richard Aron
; REGISTRATION NUMBER: 36,627
; REFERENCE/DOCKET NUMBER: A-59012/RAO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299 FHT UR
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-152-019A-15
;
; Query Match 0.6%; Score 13.2; DB 1; Length 18;
; Best Local Similarity 83.3%; Pred. No. 4.6e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1238 AGAGTGGCGATGAGGACG 1255
; ||| ||| ||| ||| ||| |||
; Db 18 AGGCTGGCGAGGAGACG 1
;
; RESULT 644
; US-08-612-551-2
; Sequence 2, Application US/08612551
; Patent No. 5744336
; GENERAL INFORMATION:
; APPLICANT: Hodges, Thomas K.
; APPLICANT: Lyznik, Leszek A.
; TITLE OF INVENTION: DNA Constructs for Controlled Transformation of Eukaryotic
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Barnes & Thornburg
; STREET: 11 South Meridian St.
; CITY: Indianapolis
; STATE: Indiana
; COUNTRY: U.S.A.
; ZIP: 46204
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/612,551
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/010,997
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Lammert, Steven R.
; REGISTRATION NUMBER: 27,653
; REFERENCE/DOCKET NUMBER: 3220-26587
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (317) 231-7258
; TELEFAX: (317) 231-7433
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-612-551-2
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Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1264 CCTGACAGCGCATCTCG 1281
||||| ||| ||| ||| ||| |||
Db 1 CCTCACAGGCTCATCTCG 18

RESULT 645
US-08-117-952-740
; Sequence 740, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Precty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen B.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 740:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-740

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 TCACGTTTCTTCCCAAC 1566
||||| ||| ||| ||| ||| |||
Db 1 TCCCCTCTCTTCCCAAC 18

RESULT 646
US-09-006-232-2
; Sequence 2, Application US/09006232
; Patent No. 5910415
; GENERAL INFORMATION:
; APPLICANT: Hodges, Thomas K.
; APPLICANT: Lyznik, Leszek A.

; TITLE OF INVENTION: DNA Constructs for Controlled
; TITLE OF INVENTION: Transformation of Eukaryotic Cells
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Barnes & Thornburg
; STREET: 11 South Meridian St.
; CITY: Indianapolis
; STATE: Indiana
; COUNTRY: U.S.A.
; ZIP: 46204
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/006,232
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/612,551
; FILING DATE:
; APPLICATION NUMBER: 08/010,997
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Lammert, Steven R.
; REGISTRATION NUMBER: 27,653
; REFERENCE/DOCKET NUMBER: 3220-26587
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (317) 231-7258
; TELEFAX: (317) 231-7433
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-006-232-2

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1264 CCTGACAGCGCATCTCG 1281
||||| ||| ||| ||| ||| |||
Db 1 CCTCACAGGCTCATCTCG 18

RESULT 647
US-08-863-639A-20/c
; Sequence 20, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A

APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance P.
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-09-034-205-64

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1846 TTCTAGAGGGGTGGCTG 1863
Db 18 TCCAGAGGGGAGGCTG 1

RESULT 652
US-08-584-040-3053
Sequence 3053, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3053:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-3053
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 440 AGCAGCAGCGGACATCG 457
Db 1 AGGAGCAGGACGCG 18
RESULT 653
US-09-677-218B-64/C
Sequence 64, Application US/09677218B
Patent No. 6355437
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance P.
Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-Oct-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/034,205
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410

TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 64:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 64:

IS-09-677-218B-64

Query Match 0.6%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 4.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1846 TTCTAGAGGGGTGGCTG 1863

b 18 TCCAGAGGGGAGGCTG 1

RESULT 654

IS-09-677-192-64/c

Sequence 64, Application US/09677192

Patent No. 6358691

GENERAL INFORMATION:

APPLICANT: Lyamichev, Victor I.

APPLICANT: Brow, Mary Ann D.

APPLICANT: Fors, Lance

APPLICANT: Neri, Bruce P.

TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING

FILE REFERENCE: FORS-04708

CURRENT APPLICATION NUMBER: US/09/677,192

CURRENT FILING DATE: 2000-10-02

PRIOR APPLICATION NUMBER: 09/034,205

PRIOR FILING DATE: 1998-03-03

NUMBER OF SEQ ID NOS: 68

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 64

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

IS-09-677-192-64

Query Match

Best Local Similarity 0.6%; Score 13.2; DB 1; Length 18;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1846 TTCTAGAGGGGTGGCTG 1863

b 18 TCCAGAGGGGAGGCTG 1

RESULT 655

IS-09-000-286A-23/c

Sequence 23, Application US/09000286A

Patent No. 6449562

GENERAL INFORMATION:

APPLICANT: Luminex Corporation

APPLICANT: Chandler, Van S.

APPLICANT: Fulton, Jerrold R.

APPLICANT: Chandler, Mark B.

TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method

FILE REFERENCE: 112802.500

CURRENT APPLICATION NUMBER: US/09/000,286A

CURRENT FILING DATE: 1998-08-18

PRIOR APPLICATION NUMBER: PCT/US96/16198

PRIOR FILING DATE: 1996-10-10

NUMBER OF SEQ ID NOS: 34

SOFTWARE: PatentIn version 3.1

; SEQ ID NO 23

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-000-286A-23

Query Match

Best Local Similarity 0.6%; Score 13.2; DB 1; Length 18;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1994 TCTCTAATTCGCGGT 2011

Db 18 TCTCTTCTTCTCCAGGT 1

RESULT 656

US-09-000-286A-24

; Sequence 24, Application US/09000286A

; Patent No. 6449562

; GENERAL INFORMATION:

; APPLICANT: Luminex Corporation

; APPLICANT: Chandler, Van S.

; APPLICANT: Fulton, Jerrold R.

; APPLICANT: Chandler, Mark B.

; TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method

; FILE REFERENCE: 112802.500

; CURRENT APPLICATION NUMBER: US/09/000,286A

; CURRENT FILING DATE: 1998-08-18

; PRIOR APPLICATION NUMBER: PCT/US96/16198

; PRIOR FILING DATE: 1996-10-10

; NUMBER OF SEQ ID NOS: 34

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 24

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-000-286A-24

Query Match

Best Local Similarity 0.6%; Score 13.2; DB 1; Length 18;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1994 TCTCTAATTCGCGGT 2011

Db 1 TCTCTTCTTCTCCAGGT 18

RESULT 657

US-09-422-978-4124

; Sequence 4124, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 4124

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..18

OTHER INFORMATION: upstream amplification primer 99-13429 for SEQ 190,
US-09-422-978-4124

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1581 ATTTCCTATTTCTGTG 1598
| | | | | | | | | | | | | | | | | |
Db 1 ACTTCTCTGTCGTG 18

RESULT 658

US-09-422-978-5112/c
Sequence 5112, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5112
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-20928 for SEQ 1178,
US-09-422-978-5112

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 GTGGTCTTACAGTGGC 849
| | | | | | | | | | | | | | | | | |
Db 18 GAGGTTTACAGTATGGC 1

RESULT 659

US-09-422-978-7274
Sequence 7274, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7274
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens

FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-3391 for SEQ 3340,
US-09-422-978-7274

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 232 CACAAAGCCATGCTGAG 249
| | | | | | | | | | | | | | | | | |
Db 1 CACCAAGCCATGATGAG 18

RESULT 660

US-09-371-772B-1481
Sequence 1481, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1481
LENGTH: 18
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1481

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 440 AGCAGCAGCGACATCG 457
| | | | | | | | | | | | | | | | | |
Db 1 AGGAGCAGAGUGGACAGCG 18

RESULT 661

US-08-050-743-38/c
Sequence 38, Application US/08050743
Patent No. 5447839
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Greer, Catherine E.
APPLICANT: Manos, Michele
APPLICANT: Resnick, Robert M.
APPLICANT: Ting, Yi
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSER: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM: Floppy disk
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050,743
FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Sias, Stacey R.

REGISTRATION NUMBER: 32,630

REFERENCE/DOCKET NUMBER: 8793

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2863

TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 38:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

S-08-050-743-38

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 560 ATCACCAGAGGCTCTGT 577

|||||

b 19 ATCACCAGATGTCAGT 2

RESULT 662

S-08-474-542A-190/c

Sequence 190, Application US/08474542A

Patent No. 5527898

GENERAL INFORMATION:

APPLICANT: Bauer, Heidi M.

APPLICANT: Gravitt, Patti E.

APPLICANT: Greer, Catherine E.

APPLICANT: Imprim, Chaka C.

APPLICANT: Manos, M. Michele

APPLICANT: Resnick, Robert M.

TITLE OF INVENTION: Detection of Human Papillomavirus by the

NUMBER OF SEQUENCES: 298

CORRESPONDENCE ADDRESSES:

ADDRESS: Hoffmann-La Roche Inc.

STREET: 340 Kingsland Street

CITY: Nutley

STATE: New Jersey

COUNTRY: U.S.A.

ZIP: 07110

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/474,542A

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Petry, Douglas A.

REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 9234

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2974

TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 190:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-474-542A-190

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 560 ATCACCAGAGGCTCTGT 577

|||||

Db 19 ATCACCAGATGTCAGT 2

RESULT 663

US-08-457-648-190/c

Sequence 190, Application US/08457648

Patent No. 5639871

GENERAL INFORMATION:

APPLICANT: Bauer, Heidi M.

APPLICANT: Gravitt, Patti E.

APPLICANT: Greer, Catherine E.

APPLICANT: Imprim, Chaka C.

APPLICANT: Manos, M. Michele

APPLICANT: Resnick, Robert M.

TITLE OF INVENTION: Detection of Human Papillomavirus by the

NUMBER OF SEQUENCES: 298

CORRESPONDENCE ADDRESSES:

ADDRESS: Hoffmann-La Roche Inc.

STREET: 340 Kingsland Street

CITY: Nutley

STATE: New Jersey

COUNTRY: U.S.A.

ZIP: 07110

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/457,648

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Petry, Douglas A.

REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 9205

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2974

TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 190:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-457-648-190

Query Match

Best Local Similarity 83.3%; Score 13.2; DB 1; Length 19;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 560 ATCACCAGAGGCTCTGT 577

|||||

Db 19 ATCACCAGATGTCAGT 2

RESULT 664

US-08-452-055-38/c

Sequence 38, Application US/08452055

Patent No. 5705627


```
/
/ GENERAL INFORMATION:
/ APPLICANT: Bauer, Heidi M.
/ APPLICANT: Greer, Catherine E.
/ APPLICANT: Manos, Michele
/ APPLICANT: Resnick, Robert M.
/ APPLICANT: Ting, Yi
/ TITLE OF INVENTION: Detection of Human Papillomavirus by the
/ POLYMERASE CHAIN REACTION
/ NUMBER OF SEQUENCES: 85
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hoffmann-La Roche Inc.
/ STREET: 340 Kingsland Street
/ CITY: Nutley
/ STATE: New Jersey
/ COUNTRY: U.S.A.
/ ZIP: 07110
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION NUMBER: US/08/452,055
/ FILING DATE:
/ CLASSIFICATION: 536
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sias, Stacey R.
/ REGISTRATION NUMBER: 32,630
/ REFERENCE/DOCKET NUMBER: 9188
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (510) 814-2863
/ TELEFAX: (510) 814-2977
/ INFORMATION FOR SEQ ID NO: 38:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/
/ JS-08-452-055-38
/
/ Query Match 0.6%; Score 13.2; DB 1; Length 19;
/ Best Local Similarity 83.3%; Pred. No. 5.2e+02;
/ Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 560 ATCACCAGAGGGTGTGT 577
/ DB 19 ATCACCAGATGTTGCAGT 2
/
/ RESULT 665
/ US-08-817-926-36/c
/ Sequence 36, Application US/08817926
/ Patent No. 6001590
/ GENERAL INFORMATION:
/ APPLICANT: Kameda, Toshihiro
/ APPLICANT: Suda, Hisako
/ APPLICANT: Tamai, Yukio
/ APPLICANT: Imwamatsu, Akihiro
/ APPLICANT: Kato, No. 6001590uo
/ APPLICANT: Sakai, Yasuyoshi
/ TITLE OF INVENTION: PROMOTER/TERMINATOR FOR CANDIDA BOIDINII
/ NUMBER OF SEQUENCES: 51
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Foley & Lardner
/ STREET: 3000 K Street, N.W., Suite 500
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: USA
/ ZIP: 20007-5109
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
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/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/817,926
/ FILING DATE: 09-MAY-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/JP96/02597
/ FILING DATE: 12-SEP-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: JP 234133/1995
/ FILING DATE: 12-SEP-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: JP 42536/1996
/ FILING DATE: 29-FEB-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bent, Stephen A.
/ REGISTRATION NUMBER: 29,768
/ REFERENCE/DOCKET NUMBER: 081356/0112
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202)672-5300
/ TELEFAX: (202)672-5399
/ TELEX: 904136
/ INFORMATION FOR SEQ ID NO: 36:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "synthetic DNA"
/
/ US-08-817-926-36
/
/ Query Match 0.6%; Score 13.2; DB 1; Length 19;
/ Best Local Similarity 83.3%; Pred. No. 5.2e+02;
/ Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 152 TGAAGCCTCACCAGATCC 169
/ DB 18 TGAAGCCCAATGAATCC 1
/
/ RESULT 666
/ US-09-254-325-10/c
/ Sequence 10, Application US/09254325
/ Patent No. 6090607
/ GENERAL INFORMATION:
/ APPLICANT:
/ TITLE OF INVENTION: ENHANCED EXPRESSION OF
/ PROTEOLYTIC ENZYMES IN KOJI MOLDS
/ NUMBER OF SEQUENCES: 17
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/254,325
/ FILING DATE:
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
/
/ US-09-254-325-10
/
/ Query Match 0.6%; Score 13.2; DB 1; Length 19;
/ Best Local Similarity 83.3%; Pred. No. 5.2e+02;
/ Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Y 640 GTCATGACTGTGTCCTTT 657
b 19 GTCGTGACTGTTTCTGCT 2

RESULT 667

S-08-746-411A-1
Sequence 1, Application US/08746411A
Patent No. 6117632

GENERAL INFORMATION:

APPLICANT: O'Mahony, Daniel J
TITLE OF INVENTION: Peptides Which Enhance Transport Across
TITLE OF INVENTION: Tissues and Methods of Identifying and Using the Same
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mary L. Severson, Ph.D., Esq.
STREET: 1300 Gould Drive
CITY: Gainesville
STATE: GA
COUNTRY: USA
ZIP: 30504

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/746,411A
FILING DATE: 08-NOV-1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/006461
FILING DATE: 10-NOV-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IE 950865
FILING DATE: 10-NOV-1995
ATTORNEY/AGENT INFORMATION:

NAME: Severson, Mary L.
REGISTRATION NUMBER: 34,927
REFERENCE/DOCKET NUMBER: 96.1060.US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 770 534-8239
TELEFAX: 770 534-8247

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "gene VIII primer ELN 71"
S-08-746-411A-1

Query Match 0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1460 AGGAGGAGAGCCGAGAAG 1477
b 1 AGTAGCAGAGCCTGGAAG 18

RESULT 668

S-09-358-972-114
Sequence 114, Application US/09358972
Patent No. 6235480

GENERAL INFORMATION:

APPLICANT: Shultz, John W
APPLICANT: Lewis, Martin K.
APPLICANT: Lieppe, Donna
APPLICANT: Mandrekar, Michelle
APPLICANT: Kephart, Daniel

APPLICANT: Rhodes, Richard B.
APPLICANT: Andrews, Christine A.
APPLICANT: Hartnett, James R.
APPLICANT: Gu, Trent
APPLICANT: Olson, Ryan J.
APPLICANT: Wood, Keith W.
APPLICANT: Welch, Roy
TITLE OF INVENTION: Nucleic Acid Detection
FILE REFERENCE: Pro-103 6868/75528
CURRENT APPLICATION NUMBER: US/09/358,972
CURRENT FILING DATE: 1999-07-22
EARLIER APPLICATION NUMBER: 09/252,436
EARLIER FILING DATE: 1999-02-18
EARLIER APPLICATION NUMBER: 09/042,287
EARLIER FILING DATE: 1998-03-13
NUMBER OF SEQ ID NOS: 290
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 114
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:

OTHER INFORMATION: probe for human cystic fibrosis gene
US-09-358-972-114

Query Match 0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 895 ATCAAGGACACGCCAAG 912
b 2 ATCATAGGAACACCAAG 19

RESULT 669

US-09-102-491-8
Sequence 8, Application US/09102491
Patent No. 6238876
GENERAL INFORMATION:

APPLICANT: Altaba, Ariel Ruiz
TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
TELECOMMUNICATION INFORMATION:
FILE REFERENCE: 1049-1-008N

CURRENT APPLICATION NUMBER: US/09/102,491

CURRENT FILING DATE: 1998-06-22
EARLIER APPLICATION NUMBER: 60/050,286
EARLIER FILING DATE: 1997-06-20
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-102-491-8

Query Match 0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1867 CTTCAAGGATCTCTGTT 1884
b 1 CCTCAATGATCTCTGAT 18

RESULT 670

US-09-268-140-38
Sequence 38, Application US/09268140
Patent No. 6268176
GENERAL INFORMATION:

APPLICANT: Gemmill, Robert M.
APPLICANT: Drabkin, Harry A.

```

; TITLE OF INVENTION: TRC8, A GENE RELATED TO THE HEDGEHOG RECEPTOR, PATCHED
; FILE REFERENCE: 93445-00004
; CURRENT APPLICATION NUMBER: US/09/268,140
; CURRENT FILING DATE: 2000-03-12
; PRIOR APPLICATION NUMBER: US 60/077,723
; PRIOR FILING DATE: 1998-03-12
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 38
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION: Primer
US-09-268-140-38

Query Match      0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 144 CCACCCCAATGAAGCCTCA 161
DB 1 CCACCCCAATGAAGCCTCA 18

RESULT 671
US-09-406-064-95
; Sequence 95, Application US/09406064
; Patent No. 6270973
; GENERAL INFORMATION:
; APPLICANT: Schultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Leippe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Wood, Keith V.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: MULTIPLEX METHOD FOR NUCLEIC ACID DETECTION
; FILE REFERENCE: PRO-107.0 (6868/75532)
; CURRENT APPLICATION NUMBER: US/09/406,064
; CURRENT FILING DATE: 1999-09-27
; EARLIER APPLICATION NUMBER: 09/358,972
; EARLIER FILING DATE: 1999-07-21
; EARLIER APPLICATION NUMBER: 09/252,436
; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 95
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-406-064-95

Query Match      0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 895 ATCAGGACGACGCCAAG 912
DB 2 ATCAGGACGACGCCAAG 19

RESULT 672
US-09-286-959B-9/c
; Sequence 9, Application US/09286959B
; Patent No. 6300131
; GENERAL INFORMATION:
; APPLICANT: Johns Hopkins University
; APPLICANT: Greider, Carol W.

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; APPLICANT: Le, Siyuan
; TITLE OF INVENTION: TELOMERASE-ASSOCIATED PROTEINS
; FILE REFERENCE: 07265/157001
; CURRENT APPLICATION NUMBER: US/09/286,959B
; CURRENT FILING DATE: 1999-04-06
; PRIOR APPLICATION NUMBER: 60/080,783
; PRIOR FILING DATE: 1998-04-06
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-286-959B-9

Query Match      0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 677 TCCAGGAACTGGGGACC 694
DB 19 TCCAGGAACTGGGGACC 2

RESULT 673
US-09-228-324A-46/c
; Sequence 46, Application US/09228324A
; Patent No. 6335184
; GENERAL INFORMATION:
; APPLICANT: Reyes, Antonio A
; APPLICANT: Wallace, Robert B.
; APPLICANT: Ugozzoli, Luis A.
; TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
; FILE REFERENCE: 3239-103P
; CURRENT APPLICATION NUMBER: US/09/228,324A
; CURRENT FILING DATE: 1999-01-11
; PRIOR APPLICATION NUMBER: US 08/826,532
; PRIOR FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 46
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)_
; OTHER INFORMATION: "non-replicable element"-atc
US-09-228-324A-46

Query Match      0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 808 ATGGAGATGTTCCAGCCT 825
DB 19 ATGGAGATGTTCCAGCCT 2

RESULT 674
US-08-857-046A-1
; Sequence 1, Application US/08857046A
; Patent No. 6361938
; GENERAL INFORMATION:
; APPLICANT: O'Mahony, Daniel J
; APPLICANT: Alvarez, Vernon L
; APPLICANT: Seveso, Michela
; TITLE OF INVENTION: Peptides Which Enhance Transport Across
; TITLE OF INVENTION: Tissues and Methods of Identifying and Using the Same
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:

```

ADDRESSEE: Mary L. Severson, Ph.D., Esq.

STREET: 1300 Gould Drive

CITY: Gainesville

STATE: GA

COUNTRY: USA

ZIP: 30504

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/857,046A

FILING DATE: 15-MAY-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/006461

FILING DATE: 10-NOV-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: IE 950864

FILING DATE: 10-NOV-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/746,411

FILING DATE: 08-NOV-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/IE96/00073

FILING DATE: 11-NOV-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/IE96/00072

FILING DATE: 11-NOV-1996

ATTORNEY/AGENT INFORMATION:

NAME: Severson, Mary L

REGISTRATION NUMBER: 34,927

REFERENCE/DOCKET NUMBER: 97.1061.US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 770 534-8239

TELEFAX: 770 534-8247

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "gene VIII primer ELN 71"

S-08-857-046A-1

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1460 AGGAGGAGAGCCGAGAG 1477

|||||

b 1 AGTAGCAGAGCCCTGAAG 18

RESULT 675

S-09-383-316-13

Sequence 13, Application US/09383316

Patent No. 6391551

GENERAL INFORMATION:

APPLICANT: Shultz, John W

APPLICANT: Lewis, Martin K.

APPLICANT: Lieppe, Donna

APPLICANT: Mandrekar, Michelle

APPLICANT: Kephart, Daniel

APPLICANT: Rhodes, Richard B.

APPLICANT: Andrews, Christine A.

APPLICANT: Hartnett, James R.

APPLICANT: Gu, Trent

APPLICANT: Olson, Ryan J.

APPLICANT: Wood, Keith W.

APPLICANT: Welch, Roy

; TITLE OF INVENTION: Nucleic Acid Detection

; FILE REFERENCE: PRO-104 6868/75529

; CURRENT APPLICATION NUMBER: US/09/383,316

; CURRENT FILING DATE: 1999-08-25

; PRIOR APPLICATION NUMBER: 09/252,436

; PRIOR FILING DATE: 1999-02-18

; PRIOR APPLICATION NUMBER: 09/042,287

; PRIOR FILING DATE: 1998-03-13

; PRIOR APPLICATION NUMBER: 09/358,972

; PRIOR FILING DATE: 1999-07-21

; NUMBER OF SEQ ID NOS: 123

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 13

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: probe for human cystic fibrosis gene

US-09-383-316-13

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 895 ATCAAGGACACGCCAAG 912

|||||

Db 2 ATCATAGGAACACCAAG 19

RESULT 676

US-09-360-416-106

; Sequence 106, Application US/09360416

; Patent No. 6458536

; GENERAL INFORMATION:

; APPLICANT: Richard A. Gatti

; TITLE OF INVENTION: METHODS FOR DETECTION OF ATAXIA

; FILE REFERENCE: 510015-222

; CURRENT APPLICATION NUMBER: US/09/360,416

; CURRENT FILING DATE: 1999-07-23

; NUMBER OF SEQ ID NOS: 143

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 106

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Human

US-09-360-416-106

Query Match 0.6%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 5.2e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 234 CAAAGCCATGCTCAGGA 251

|||||

Db 1 CAAAGCCTATGATGAGAA 18

RESULT 677

US-09-573-252-1

; Sequence 1, Application US/09573252

; Patent No. 6521737

; GENERAL INFORMATION:

; APPLICANT: O'Mahony, Daniel J

; TITLE OF INVENTION: Peptides Which Enhance Transport Across

; Tissues and Methods of Identifying and Using the Same

; NUMBER OF SEQUENCES: 17

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Mary L. Severson, Ph.D., Esq.

; STREET: 1300 Gould Drive

; CITY: Gainesville

; STATE: GA

; COUNTRY: USA

; ZIP: 30504

S-09-422-978-6092

Query Match 0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1119 CCAGACACGATAGTA 1136
b 19 CCAGACACCAAGAGAA 2

RESULT 681

US-09-422-978-7300
Sequence 7300, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7300
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-3524 for SEQ 3366,
S-09-422-978-7300

Query Match 0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1394 AAACAGAGGATGAAAAG 1411
b 2 AAACAGAGGAGAAAAG 19

RESULT 682

US-09-422-978-7654
Sequence 7654, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7654
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-9915 for SEQ 3720,
US-09-422-978-7654

Query Match 0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 889 CTAACATATCAAGGACAC 906
b 2 CTAACATATGAGGACTC 19

RESULT 683

US-09-422-978-8884
Sequence 8884, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8884
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-18982 for SEQ 1019, in complete
US-09-422-978-8884

Query Match 0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 847 GGCTCAGACTCCCTATCT 864
b 1 GGCTTAGACTCCATATTT 18

RESULT 684

US-09-096-724B-38
Sequence 38, Application US/09096724B
Patent No. 6548290
GENERAL INFORMATION:
APPLICANT: McGarry, Thomas J.
APPLICANT: Kroll, Kristen
APPLICANT: Kirschner, Marc W.
TITLE OF INVENTION: Geminin Gene and Protein
FILE REFERENCE: 0725.1055-001
CURRENT APPLICATION NUMBER: US/09/096,724B
CURRENT FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/085,371
PRIOR FILING DATE: 1998-05-13
NUMBER OF SEQ ID NOS: 48
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 38
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

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; OTHER INFORMATION: primers
US-09-096-724B-38

Query Match      0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      327 CAAGCAGATCGAGAGATT 344
Db      1 CAACAGACGAGAGATT 18

RESULT 685
US-09-788-847-95
; Sequence 95, Application US/09788847
; Patent No. 6653078
; GENERAL INFORMATION:
; APPLICANT: Schultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Leippe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Wood, Keith V.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: MULTIPLEX METHOD FOR NUCLEIC ACID DETECTION
; FILE REFERENCE: PRO-107.0 (6868/75532)
; CURRENT APPLICATION NUMBER: US/09/788,847
; CURRENT FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 09/406,064
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 95
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-788-847-95

Query Match      0.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      895 ATCAAGGACACGCCAAG 912
Db      2 ATCATGGAACACCAAG 19

RESULT 686
US-07-874-334-13
; Sequence 13, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-874-334-13

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1393 AAAACAGAGGATGAAAAA 1410
Db      2 AAAAGAAAGGAGGAAAAA 19

RESULT 687
US-08-031-143B-11
; Sequence 11, Application US/08031143B
; Patent No. 5518880
; GENERAL INFORMATION:
; APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
; APPLICANT: MCBRIDE, O. WESLEY
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF XSCID
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031,143B
; FILING DATE: 12-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
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TOPOLOGY: UNKNOWN

MOLECULE TYPE: OLIGONUCLEOTIDE
 DESCRIPTION: NO
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: HUMAN
 INDIVIDUAL ISOLATE: IL-2R
 JS-08-031-143B-11

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2y 1076 GACCAGATTCAAGCTCC 1093
 ||||| |||||
 2b 1 GACCTAATATCAAGCTCC 18

RESULT 688

JS-08-587-209-9/c
 ; Sequence 9, Application US/08587209
 ; Patent No. 5612473

GENERAL INFORMATION:

APPLICANT: Wu, Linxian
 APPLICANT: Coombs, Jana
 APPLICANT: Malmstrom, Sharon L.
 APPLICANT: Glass, Michael J.
 TITLE OF INVENTION: Methods and Apparatus for Preparing, Amplifying,
 and Discriminating Multiple Analytes
 NUMBER OF SEQUENCES: 30
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: David O. Seeley, Esq.
 ADDRESSEE: Workman, Nydegger & Seeley
 STREET: 1000 Eagle Gate Tower
 STREET: 60 East South Temple
 CITY: Salt Lake City
 STATE: Utah
 COUNTRY: USA
 ZIP: 84111

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch,
 MEDIUM TYPE: 1.44 Mb storage
 COMPUTER: IBM compatible
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WordPerfect 6.0a for WINDOWS
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/587,209
 FILING DATE: 16-JAN-1996

CLASSIFICATION: 435

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 JS-08-587-209-9

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2y 1450 GAGAAACCAAGGAGGAG 1467
 ||||| |||||
 2b 18 GAGAAACCAAGGAGGAG 1

RESULT 689

JS-08-598-591-23/c
 ; Sequence 23, Application US/08598591
 ; Patent No. 5654155

GENERAL INFORMATION:

APPLICANT: Allen, Antonette C.
 APPLICANT: Alvares, Christopher P.
 APPLICANT: Critz, Brenda S.
 APPLICANT: Murphy Patricia D.
 APPLICANT: Olson, Sheri J.
 APPLICANT: Schelter, Denise B.
 APPLICANT: Zeng, Bin
 TITLE OF INVENTION: A Consensus Sequence of the Human BRCA1 Gene
 Patent No. 5654155
 NUMBER OF SEQUENCES: 74
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
 STREET: 699 Prince St.
 CITY: Alexandria
 STATE: VA
 COUNTRY: USA
 ZIP: 22314
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/598,591
 FILING DATE: herewith
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Swecker, Robert S.
 REGISTRATION NUMBER: 19,885
 REFERENCE/DOCKET NUMBER: 020160-282
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 703-836-8620
 TELEFAX: 703-836-2021
 INFORMATION FOR SEQ ID NO: 23:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: not relevant
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 ORIGINAL SOURCE:
 STRAIN: 11CF1 primer
 US-08-598-591-23

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 846 TGGCTCAGACTCCCTATC 863
 ||||| |||||
 Db 19 TGATTGAGACTCCCAATC 2

RESULT 690

US-08-664-487A-10
 ; Sequence 10, Application US/08664487A
 ; Patent No. 5731181

GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.
 TITLE OF INVENTION: CHIMERIC MUTATIONAL VECTORS HAVING
 TITLE OF INVENTION: NON-NATURAL NUCLEOTIDES
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/664,487A
; FILING DATE: 9-Sept-1996
; CLASSIFICATION: 435
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-664-487A-10

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 AAATATCCCGAGGACAG 1642
||| ||| ||| ||| ||| |||
Db 3 AAACAGCCCAAGGACAG 20

RESULT 691
US-08-664-487A-14
; Sequence 14, Application US/08664487A
; Patent No. 5731181
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; TITLE OF INVENTION: CHIMERIC MUTATIONAL VECTORS HAVING
; NON-NATURAL NUCLEOTIDES
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/664,487A
; FILING DATE: 9-Sept-1996
; CLASSIFICATION: 435
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-664-487A-14

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 AAATATCCCGAGGACAG 1642
||| ||| ||| ||| ||| |||
Db 3 AAACAGCCCAAGGACAG 20

RESULT 692
US-08-689-236-9/c
; Sequence 9, Application US/08689236
; Patent No. 5738995
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
; TITLE OF INVENTION: Methods and Apparatus for
; TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analytes
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/689,236
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-689-236-9

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1450 GAGAAACCAAGGAGGAG 1467
||||| ||| ||| ||| |||
Db 18 GAGAAACCAAGGAGGAG 1

RESULT 693
US-08-798-691-27/c
; Sequence 27, Application US/08798691
; Patent No. 5750400
; GENERAL INFORMATION:
; APPLICANT: Murphy, Patricia D.
; APPLICANT: Allen, Annette C.
; APPLICANT: Alvares, Christopher P.
; APPLICANT: Critz, Brenda S.
; APPLICANT: Olson, Sheri J.
; APPLICANT: Schelter, Denise B.
; APPLICANT: Zeng, Bin
; TITLE OF INVENTION: Coding Sequences of the Human
; TITLE OF INVENTION: BRCAL Gene
; NUMBER OF SEQUENCES: 72
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ONCORMED
; STREET: 200 Perry Parkway
; CITY: Gaithersburg
; STATE: MD
; COUNTRY: USA
; ZIP: 20877
; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/798,691
FILING DATE: 12-Feb-97
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Thomas Gallegos
REGISTRATION NUMBER: 32,692
REFERENCE/DOCKET NUMBER: BA-0054CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-527-2051
TELEFAX: 301-208-6997
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
STRAIN: 11CF1 primer
US-08-798-691-27

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

ay 846 TGGCTCAGACTCCCTATC 863
||| ||||| ||||| |||||
ib 19 TGATTCAGACTCCCATC 2

RESULT 694
US-08-689-235-9/c
Sequence 9, Application US/08689235
Patent No. 5753444
GENERAL INFORMATION:
APPLICANT: Wu, Linxian
APPLICANT: Coombs, Jana
APPLICANT: Malmstrom, Sharon L.
APPLICANT: Glass, Michael J.
TITLE OF INVENTION: Methods and Apparatus for
TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analytes
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: David O. Seeley, Esq.
ADDRESSEE: Workman, Nydegger & Seeley
STREET: 1000 Eagle Gate Tower
STREET: 60 East South Temple
CITY: Salt Lake City
STATE: Utah
COUNTRY: USA
ZIP: 84111

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
MEDIUM TYPE: 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0a for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,235
FILING DATE: 16-JAN-1996
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

US-08-689-235-9

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1450 GAGAAACCCAGGAGGAG 1467
||||| ||||| ||||| |||||
DB 18 GAGAAACCCATGGAAGAG 1

RESULT 695
US-08-692-725-9/c
Sequence 9, Application US/08692725
Patent No. 5756701
GENERAL INFORMATION:
APPLICANT: Wu, Linxian
APPLICANT: Coombs, Jana
APPLICANT: Malmstrom, Sharon L.
APPLICANT: Glass, Michael J.
TITLE OF INVENTION: Methods and Apparatus for
TITLE OF INVENTION: Preparing, Amplifying, and Discriminating Multiple Analytes
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: David O. Seeley, Esq.
ADDRESSEE: Workman, Nydegger & Seeley
STREET: 1000 Eagle Gate Tower
STREET: 60 East South Temple
CITY: Salt Lake City
STATE: Utah
COUNTRY: USA
ZIP: 84111

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
MEDIUM TYPE: 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0a for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/692,725
FILING DATE: 16-JAN-1996
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-692-725-9

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1450 GAGAAACCCAGGAGGAG 1467
||||| ||||| ||||| |||||
DB 18 GAGAAACCCATGGAAGAG 1

RESULT 696
US-08-640-517A-12
Sequence 12, Application US/08640517A
Patent No. 5760012
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Cole-Strauss, Allyson
APPLICANT: Yoon, Kyongsuun
TITLE OF INVENTION: METHODS AND COMPOUNDS FOR CURING
TITLE OF INVENTION: DISEASES CAUSED BY MUTATIONS
NUMBER OF SEQUENCES: 100
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds

```
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/640,517A
; FILING DATE: May 1, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Friebel, Thomas E
; REGISTRATION NUMBER: 29,258
; REFERENCE/DOCKET NUMBER: 7991-011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-640-517A-12

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 AAATATCCCCAGGACAG 1642
   ||| ||| ||| ||| |||
Db 3 AAACAGCCCAAGGACAG 20

RESULT 697
US-08-640-517A-16
; Sequence 16, Application US/08640517A
; Patent No. 5760012
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Cole-Strauss, Allyson
; TITLE OF INVENTION: METHODS AND COMPOUNDS FOR CURING
; TITLE OF INVENTION: DISEASES CAUSED BY MUTATIONS
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/640,517A
; FILING DATE: May 1, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Friebel, Thomas E
; REGISTRATION NUMBER: 29,258
; REFERENCE/DOCKET NUMBER: 7991-011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-640-517A-16

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 AAATATCCCCAGGACAG 1642
   ||| ||| ||| ||| |||
Db 3 AAACAGCCCAAGGACAG 20

RESULT 698
US-08-592-658-4/c
; Sequence 4, Application US/08592658
; Patent No. 5773695
; GENERAL INFORMATION:
; APPLICANT: Thompson, William F.
; APPLICANT: Hall Jr., Gerald
; APPLICANT: Spiker, Steven
; APPLICANT: Allen, George C.
; TITLE OF INVENTION: PLANT NUCLEAR SCAFFOLD ATTACHMENT REGION
; TITLE OF INVENTION: AND METHODS OF INCREASING GENE EXPRESSION IN TRANSGENIC
; TITLE OF INVENTION: PLANTS
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kenneth D. Sibley; Bell, Seltzer, Park and
; ADDRESSEE: Gibson
; STREET: Post Office Drawer 34009
; CITY: Charlotte
; STATE: No. 5773695th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,658
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5051-306
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-420-2200
; TELEFAX: 919-881-3175
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-592-658-4

Query Match 0.6%; Score 13.2; DB 1; Length 20;
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Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 381 GTTTCAGTTCGTCTAGTT 398
|||||
3b 20 GTTCGGTTCGTCTAGTT 3

RESULT 699

JS-08-176-427B-28
: Sequence 28, Application US/08176427B
: Patent No. 5789543
: GENERAL INFORMATION:
: APPLICANT: Ingham, Phillip W.
: APPLICANT: McMahon, Andrew P.
: APPLICANT: Tabin, Clifford J.
: TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
: TITLE OF INVENTION: Proteins and Uses Related Thereto
: NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII(text)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/176.427B
FILING DATE: 30-DEC-1993
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: HMI-006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA

JS-08-176-427B-28

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1436 AAGTCACCGAGAGAGA 1453
|||||
3b 1 AAGTCACCGAGAGAGA 18

RESULT 700

JS-08-982-867-10
: Sequence 10, Application US/08982867
: Patent No. 5795972
: GENERAL INFORMATION:
: APPLICANT: Kmiec, Eric B.
: TITLE OF INVENTION: CHIMERIC MUTATIONAL VECTORS HAVING
: TITLE OF INVENTION: NON-NATURAL NUCLEOTIDES
: NUMBER OF SEQUENCES: 25
: CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York

STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/982.867
FILING DATE:
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/664,487
FILING DATE: 9-Sept-1996
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

US-08-982-867-10

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 AAATATCCCCGAGGACAG 1642
|||||
Db 3 AAACAGCCCCAAGGACAG 20

RESULT 701

US-08-982-867-14
: Sequence 14, Application US/08982867
: Patent No. 5795972
: GENERAL INFORMATION:
: APPLICANT: Kmiec, Eric B.
: TITLE OF INVENTION: CHIMERIC MUTATIONAL VECTORS HAVING
: TITLE OF INVENTION: NON-NATURAL NUCLEOTIDES
: NUMBER OF SEQUENCES: 25
: CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/982.867
FILING DATE:
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/664,487
FILING DATE: 9-Sept-1996
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-982-867-14

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 AAATATCCCGAGGACAG 1642
||||| ||| ||| ||| ||| |||
Db 3 AAACAGCCCAAGGACAG 20

RESULT 702
US-08-568-271-1
Sequence 1, Application US/08568271
Patent No. 5800990
GENERAL INFORMATION:
APPLICANT: RAYNOLDS, MARY V.
APPLICANT: PERRYMAN, M. BENJA
TITLE OF INVENTION: ANGIOTENSIN-CONVERTING ENZYME GENETIC
SCREENS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: DILWORTH & BARRESE
STREET: 4350 LA JOLLA VILLAGE DRIVE, SUITE 300
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: U.S.A.
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/568,271
FILING DATE: 06-DEC-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: PEPPER PH.D., FREDERICK W.
REGISTRATION NUMBER: 31,286
REFERENCE/DOCKET NUMBER: 491-7
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4410
TELEFAX: 619-453-2839
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-568-271-1

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 940 CTCGCTATGCTGATGCTG 957
||||| ||| ||| ||| ||| |||
Db 2 CTCGCCGCTGCTGTGCTG 19

RESULT 703
US-08-592-126-52
Sequence 52, Application US/08592126
Patent No. 5821091
GENERAL INFORMATION:
APPLICANT: Gregory Dolganov
TITLE OF INVENTION: Transcripts Encoding Immunomodulatory
Peptides

NUMBER OF SEQUENCES: 151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/592,126
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 4600-0111
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: oligonucleotide #4578
US-08-592-126-52

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1029 GGAGATCCCTAATGAGCT 1046
||||| ||| ||| ||| ||| |||
Db 3 GGAGATCTCTTAAGAGCT 20

RESULT 704
US-08-571-983-12/c
Sequence 12, Application US/08571983
Patent No. 5824837
GENERAL INFORMATION:
APPLICANT: Chen, Howard
APPLICANT: Hofmann, Kathryn J
APPLICANT: Shaw, Alan R
APPLICANT: Trumbauer, Myrna E
APPLICANT: Van der Ploeg, Leonardus
APPLICANT: Zheng, Hui
TITLE OF INVENTION: Expression of Human Interleukin-1B in a
Transgenic Animal
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Christine E. Carty
STREET: P.O. Box 2000, 126 E. Lincoln Avenue
CITY: Rahway
STATE: NJ
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/571,983
 FILING DATE: 22-APR-1996
 CLASSIFICATION: 800
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/096,943
 FILING DATE: 22-JUL-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Carly, Christine E
 REGISTRATION NUMBER: 36,099
 REFERENCE/DOCKET NUMBER: 19037
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (908)594-6734
 TELEFAX: (908)594-4720
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-08-571-983-12

Query Match 0.6%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 5.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

iy 1331 CTGAAGAGGAGGAGG 1348
 |||||
 ib 19 CCGAAGAGGAGGAGTGG 2

RESULT 705
 US-08-452-967-2/c
 Sequence 2, Application US/08452967
 Patent No. 5837858

GENERAL INFORMATION:
 APPLICANT: BRENNAN, THOMAS M.
 TITLE OF INVENTION: APPARATUS AND METHOD FOR POLYMER
 TITLE OF INVENTION: SYNTHESIS USING ARRAYS
 NUMBER OF SEQUENCES: 15
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Flehr Hobbach Test Albritton & Herbert, LLP
 STREET: Four Embarcadero Center, Ste. 3400
 CITY: San Francisco
 STATE: CA
 COUNTRY: USA
 ZIP: 94111
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/452,967
 FILING DATE: 30-MAY-1995
 CLASSIFICATION: 536
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/142,593
 FILING DATE: 22-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Brezner, David J
 REGISTRATION NUMBER: 24,774
 REFERENCE/DOCKET NUMBER: A-58607-1/DJB
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 781-1989
 TELEFAX: (415) 398-3249
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA

US-08-452-967-2

Query Match 0.6%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 5.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1426 GAGAAGAAAGAGTCACC 1443
 |||||
 DB 19 GAAACCAAGAGTGCAC 2

RESULT 706

US-08-332-766A-59
 Sequence 59, Application US/08332766A
 Patent No. 5843647
 GENERAL INFORMATION:
 APPLICANT: JEFFREYS, Alec J.
 APPLICANT: ARMOUR, John
 TITLE OF INVENTION: SIMPLE TANDEM REPEATS
 NUMBER OF SEQUENCES: 125
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CUSHMAN DARBY & CUSHMAN, L.L.P.
 STREET: 1100 New York Avenue, N.W.
 CITY: Washington
 STATE: D. C.
 COUNTRY: U.S.A.
 ZIP: 20005-3918
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/332,766A
 FILING DATE: 01-NOV-1994
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9326052.9
 FILING DATE: 21-DEC-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: BIRD, Donald J.
 REGISTRATION NUMBER: 25,323
 REFERENCE/DOCKET NUMBER: 217211/M94/0434/GB
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 861-3000
 TELEFAX: (202) 822-0944
 TELEX: 6714627 CUSH
 INFORMATION FOR SEQ ID NO: 59:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-332-766A-59

Query Match 0.6%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 5.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1679 TGAGCTCTCCAGGAGCC 1696
 |||||
 DB 3 TGAGTTATCCAGGAGCC 20

RESULT 707

US-08-356-060A-28
 Sequence 28, Application US/08356060A
 Patent No. 5844079
 GENERAL INFORMATION:
 APPLICANT: Ingham, Phillip W.
 APPLICANT: McMahon, Andrew P.
 APPLICANT: Tabin, Clifford J.

```
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; TITLE OF INVENTION: Proteins and Uses Related Thereto
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII(text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/356,060A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/176,427
; FILING DATE: 30-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMI-006CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdNA
; US-08-356-060A-28

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1436 AAGTCACCGAGAGGAGA 1453
Cb 1 AAGTCACCGAGAGGAGA 18

RESULT 708
US-08-692-726-g/c
; Sequence 9, Application US/08692726
; Patent No. 5846783
; GENERAL INFORMATION:
; APPLICANT: Wu, Linxian
; APPLICANT: Coombs, Jana
; APPLICANT: Malmstrom, Sharon L.
; APPLICANT: Glass, Michael J.
; TITLE OF INVENTION: Methods and Apparatus for Preparing,
; TITLE OF INVENTION: Amplifying, and Discriminating Multiple Analytes
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David O. Seeley, Esq.
; ADDRESSEE: Workman, Nydegger & Seeley
; STREET: 1000 Eagle Gate Tower
; STREET: 60 East South Temple
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch,
; MEDIUM TYPE: 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
```

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; SOFTWARE: WordPerfect 6.0a for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/692,726
; FILING DATE: 06-AUG-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/587,209
; FILING DATE: 16-JAN-1996
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-692-726-9

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1450 GAGAAACCAAGGAGGAG 1467
Db 18 GAGAAACCAAGGAGGAG 1

RESULT 709
US-08-117-952-476/c
; Sequence 476, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 476:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-117-952-476
```

Query Match 0.6%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 5.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1968 AAACACTGCTTGCCTCT 1985
 |||||
 b 19 AAGCACTGACGCGCACT 2

RESULT 710

US-08-414-657D-29
 Sequence 29, Application US/084114657D
 Patent No. 5861283

GENERAL INFORMATION:

APPLICANT: Levitt, Pat
 APPLICANT: Pimenta, Aurea
 APPLICANT: Fischer, Itzhak
 APPLICANT: Zhukareva, Victoria
 TITLE OF INVENTION: Limbic System-Associated Membrane
 TITLE OF INVENTION: Protein and DNA
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dechert Price & Rhoads
 STREET: 997 Lenox Drive, Building 3, Suite 210
 CITY: Lawrenceville
 STATE: NJ
 COUNTRY: USA
 ZIP: 08543

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/414,657D
 FILING DATE: 31-MAR-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Bloom, Allen
 REGISTRATION NUMBER: 29,135
 REFERENCE/DOCKET NUMBER: 317743-102
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-520-3214
 TELEFAX: 609-520-3259
 TELEX:

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

S-08-414-657D-29

Query Match 0.6%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 5.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1470 GCCAGAGCCCAAGGGGT 1487
 |||||
 b 2 GCCAGCAGCCACAGTGGT 19

RESULT 711

US-08-414-657D-31
 Sequence 31, Application US/084114657D
 Patent No. 5861283

GENERAL INFORMATION:

APPLICANT: Levitt, Pat
 APPLICANT: Pimenta, Aurea
 APPLICANT: Fischer, Itzhak

APPLICANT: Zhukareva, Victoria
 TITLE OF INVENTION: Limbic System-Associated Membrane
 TITLE OF INVENTION: Protein and DNA
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dechert Price & Rhoads
 STREET: 997 Lenox Drive, Building 3, Suite 210
 CITY: Lawrenceville
 STATE: NJ
 COUNTRY: USA
 ZIP: 08543

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/414,657D
 FILING DATE: 31-MAR-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Bloom, Allen
 REGISTRATION NUMBER: 29,135
 REFERENCE/DOCKET NUMBER: 317743-102
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-520-3214
 TELEFAX: 609-520-3259
 TELEX:

INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-414-657D-31

Query Match 0.6%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 5.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1470 GCCAGAGCCCAAGGGGT 1487
 |||||
 Db 2 GCCAGCAGCCACAGTGGT 19

RESULT 712

US-09-205-922-2/c
 Sequence 2, Application US/09205922
 Patent No. 5951455

GENERAL INFORMATION:

APPLICANT: Lex M. Cowser
 TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-11 EXPRESSION
 FILE REFERENCE: RTS-0030
 CURRENT APPLICATION NUMBER: US/09/205,922
 CURRENT FILING DATE: 1998-12-04
 NUMBER OF SEQ ID NOS: 87
 SEQ ID NO 2
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: PCR Primer
 US-09-205-922-2

Query Match 0.6%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 5.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 949 CTGATGCTGGAGCGGT 966
 |||||


```
Db      20 CTGATGCTCGAAGGTGGT 3

RESULT 713
US-08-687-080-42
; Sequence 42, Application US/08687080
; Patent No. 5965427
; GENERAL INFORMATION:
; APPLICANT: Gregory Dolganov
; TITLE OF INVENTION: Human RAD50 Gene and Methods of Use Thereof
; NUMBER OF SEQUENCES: 175
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/687,080
; FILING DATE: 17-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/592,126
; FILING DATE: 26-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sholtz, Charles K.
; REGISTRATION NUMBER: 38,615
; REFERENCE/DOCKET NUMBER: 4600-0111.30
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: oligonucleotide #4578
US-08-687-080-42

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1029 GGAGATCCCTAATGAGCT 1046
;
Db      3 GGAGATCTCTTAAGAGCT 20

RESULT 714
US-08-538-711A-11/C
; Sequence 11, Application US/08538711A
; Patent No. 5994062
; GENERAL INFORMATION:
; APPLICANT: MULSHINE, JAMES, L.
; TITLE OF INVENTION: AN EPITHELIAL PROTEIN AND
; TITLE OF INVENTION: DNA THEREOF FOR USE IN EARLY CANCER DETECTION
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
```

```
;
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/538,711A
; FILING DATE: 02-OCT-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: KATHRYN M. BROWN
; REGISTRATION NUMBER: 34,556
; REFERENCE/DOCKET NUMBER: 2026-4201
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: Unknown
; TOPOLOGY: Linear
; MOLECULE TYPE: other nucleic acid
US-08-538-711A-11

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1252 GACGAAGACGACCTGAC 1269
;
Db      20 GACGAACAGCAACGGAC 3

RESULT 715
US-08-904-901-121
; Sequence 121, Application US/08904901
; Patent No. 5998383
; GENERAL INFORMATION:
; APPLICANT: Wright, Jim A.
; APPLICANT: Young, Aiping H.
; TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED
; TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE
; NUMBER OF SEQUENCES: 163
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KOHN & ASSOCIATES
; STREET: 30500 No. 5998383thwestern Hwy. Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/904,901
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: 0227.00004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (248) 539-5050
; TELEFAX: (248) 539-5055
; INFORMATION FOR SEQ ID NO: 121:
```

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
ANTI-SENSE: YES
US-08-904-901-121

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1908 TCAGCCATTTTACATTG 1925
||||| ||||| |||||
3 TCAGCCACTTTTCCATTG 20

RESULT 716

US-08-825-487A-27/c
Sequence 27, Application US/08825487A
Patent No. 6048689

GENERAL INFORMATION:

APPLICANT: Murphy, Patricia D.

APPLICANT: White, Marga B.

TITLE OF INVENTION: METHODS FOR IDENTIFYING VARIATIONS IN POLYNUCLEOTIDE SEQUENCE

NUMBER OF SEQUENCES: 110

CORRESPONDENCE ADDRESS:

ADDRESSEE: Howrey & Simon

STREET: 1299 Pennsylvania Avenue., N.W.

CITY: Washington,

STATE: DC

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/825.487A

FILING DATE: 28-Mar-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US98/060002

FILING DATE: 26-Mar-1998

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Albert P. Halluin

REGISTRATION NUMBER: 25,227

REFERENCE/DOCKET NUMBER: 05371.0012.999

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-463-8100

TELEFAX: 650-463-8400

INFORMATION FOR SEQ ID NO: 27:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

ORIGINAL SOURCE:

STRAIN: 11CF1 primer

US-08-825-487A-27

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 846 TGGCTCAGACTCCCTATC 863

||||| ||||| |||||

19 TGATTCAGACTCCCATC 2

RESULT 717

US-09-120-853-15

Sequence 15, Application US/09120853

Patent No. 6057437

GENERAL INFORMATION:

APPLICANT: Kamiya, Kinya

APPLICANT: Matsuda, Yoko

APPLICANT: Uchida, Kiyoshi

TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND

FILE REFERENCE: 07898/03001

CURRENT APPLICATION NUMBER: US/09/120.853

CURRENT FILING DATE: 1998-07-21

EARLIER APPLICATION NUMBER: JP 213838/1997

EARLIER FILING DATE: 1997-07-25

NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 15

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Artificial

OTHER INFORMATION: nucleic acid sequence

US-09-120-853-15

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1401 GGATGAAAAGAGAAAGA 1418

||||| ||||| |||||

1 GGAGGAAGAGAGAAAGGA 18

RESULT 718

US-09-166-186-72

Sequence 72, Application US/09166186A

Patent No. 6080580

GENERAL INFORMATION:

APPLICANT: Baker, Brenda

APPLICANT: Bennett, C. Frank

APPLICANT: Butler, Madeline M.

APPLICANT: Shanahan, William R.

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION

FILE REFERENCE: ISPH-0322

CURRENT APPLICATION NUMBER: US/09/166.186A

CURRENT FILING DATE: 1998-10-05

NUMBER OF SEQ ID NOS: 250

SEQ ID NO 72

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: antisense sequence

US-09-166-186-72

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1585 TCTATTTCTCTGCTATT 1602

||||| ||||| |||||

2 TCCATTCATCTGTGTTATT 19

RESULT 719

US-09-166-186-83

Sequence 83, Application US/09166186A

Patent No. 6080580

GENERAL INFORMATION:

APPLICANT: Baker, Brenda

APPLICANT: Bennett, C. Frank

```
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanshan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-83

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1978 TGCCTCTGTCGTCTTC 1995
      |||||
Db 2 TCTCTCTGTCGTCTC 19

RESULT 720
US-08-660-645A-13
; Sequence 13, Application US/08660645A
; Patent No. 6087152
; GENERAL INFORMATION:
; APPLICANT: Hohmann, Hans-Peter
; APPLICANT: Pasamontes, Luis
; APPLICANT: Tessier, Michel
; APPLICANT: van Loon, Adolphus
; TITLE OF INVENTION: FERMENTATIVE CAROTENOID PRODUCTION
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: NJ
; COUNTRY: USA
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/660,645A
; FILING DATE: 07-JUN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 95108888.9
; FILING DATE: 09-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Pokras, Bruce A.
; REGISTRATION NUMBER: 32,748
; REFERENCE/DOCKET NUMBER: RAN 6002/170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 235-5801
; TELEFAX: (201) 235-2363
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-660-645A-13

Query Match          0.6%; Score 13.2; DB 1; Length 20;
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```
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1647 CAAGGCCCGAGCTCAGG 1664
      |||||
Db 1 CAAGGCCAGATCGCAGG 18

RESULT 721
US-09-249-730-121
; Sequence 121, Application US/09249730
; Patent No. 6121000
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; FILE REFERENCE: 032396-040
; CURRENT APPLICATION NUMBER: US/09/249,730
; CURRENT FILING DATE: 1999-02-11
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-730-121

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1908 TCAGCCATTTTAGATTG 1925
      |||||
Db 3 TCAGCCATTTTCCATTG 20

RESULT 722
US-09-298-718-13
; Sequence 13, Application US/09298718
; Patent No. 6124113
; GENERAL INFORMATION:
; APPLICANT: Hohmann, Hans-Peter
; APPLICANT: Pasamontes, Luis
; APPLICANT: Tessier, Michel
; APPLICANT: van Loon, Adolphus
; TITLE OF INVENTION: FERMENTATIVE CAROTENOID PRODUCTION
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: NJ
; COUNTRY: USA
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/298,718
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/660,645
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pokras, Bruce A.
; REGISTRATION NUMBER: 32,748
; REFERENCE/DOCKET NUMBER: RAN 6002/170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 235-5801
; TELEFAX: (201) 235-5801
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-660-645A-13

Query Match          0.6%; Score 13.2; DB 1; Length 20;
```

ADDRESSEE: Howrey & Simon
STREET: 1299 Pennsylvania Avenue N. W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:

NAME: Ms Mary J Wilson
REGISTRATION NUMBER: 32 955

```
; REFERENCE/DOCKET NUMBER: 620-29
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide"
; HYPOTHETICAL: YES
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: Arabidopsis thaliana
; STRAIN: Columbia
; US-08-973-273-24

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1042 GAGCTTCCATACAAATGAC 1059
Db 20 GAGCTGCCAAACAAATGAC 3

RESULT 726
US-09-429-323-30/c
; Sequence 30, Application US/09429323A
; Patent No. 6140126
; Patent No. 6140126
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0092
; CURRENT APPLICATION NUMBER: US/09/429,323A
; CURRENT FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-323-30

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GAGCGGAGCCGCGGGCGG 18
Db 18 GAGCGGTGGCCCGGGCG 1

RESULT 727
US-09-288-461-44
; Sequence 44, Application US/09288461
; Patent No. 6159694
; GENERAL INFORMATION:
; APPLICANT: Karrias, James G.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; FILE REFERENCE: ISPH-0338
; CURRENT APPLICATION NUMBER: US/09/288,461
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-288-461-44

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 497 CCAGGCACTCTGGCTTCT 514
Db 3 CCAGGCACTTGGCATCT 20

RESULT 728
US-08-460-900C-28
; Sequence 28, Application US/08460900C
; Patent No. 6165747
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; APPLICANT: Bumcrot, David A.
; APPLICANT: Marti-Gorostiza, Elisa
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; TITLE OF INVENTION: Proteins and Uses Related Thereto
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,900C
; FILING DATE: 5-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/435,093
; FILING DATE: 4-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/356,060
; FILING DATE: 14-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/176,427
; FILING DATE: 30-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMV-006.05
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 832-1000
; TELEFAX: (617) 832-7000
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-460-900C-28

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1436 AAGTACCAGAGAGAGA 1453
```

||||| | |||||
b 1 AAGTCAGCCGAGGAGA 18

RESULT 729
US-08-460-900C-58
Sequence 58, Application US/08460900C
Patent No. 6165747
GENERAL INFORMATION:
APPLICANT: Ingham, Phillip W.
APPLICANT: McMahon, Andrew P.
APPLICANT: Tabin, Clifford J.
APPLICANT: Bumcrot, David A.
APPLICANT: Marti-Gorostiza, Elisa
TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
TITLE OF INVENTION: Proteins and Uses Related Thereto
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,900C
FILING DATE: 5-JUNE-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/435,093
FILING DATE: 4-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/356,060
FILING DATE: 14-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/176,427
FILING DATE: 30-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: HMV-006.05
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 832-1000
TELEFAX: (617) 832-7000
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-460-900C-58

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1436 AAGTCAGCCGAGGAGA 1453
||||| | |||||
b 1 AAGTCAGCCGAGGAGA 18

RESULT 730
US-09-433-699-35/c
Sequence 35, Application US/09433699B
Patent No. 6165786
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-35

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1246 GATGAGGACGAGACGAC 1263
||||| | |||||
Db 18 GATGAGGATGACGATGAC 1

RESULT 731
US-09-433-699-41/c
; Sequence 41, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-41

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1246 GATGAGGACGAGACGAC 1263
||||| | |||||
Db 19 GACGAGGATGACGACGAC 2

RESULT 732
US-09-433-699-59/c
; Sequence 59, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-59

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;

RESULT 737

IS-09-280-805-246

: Sequence 246, Application US/09280805

: Patent No. 6184212

: GENERAL INFORMATION:

: APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

: APPLICANT: Graham, Brett P. Monia

: TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

: TITLE OF INVENTION: EXPRESSION

: NUMBER OF SEQUENCES: 271

: CORRESPONDENCE ADDRESS:

: ADDRESSEE: Law Offices of Jane Massey Licata

: STREET: 66 East Main Street

: CITY: Marlton

: STATE: NJ

: COUNTRY: U.S.A.

: ZIP: 08053

: COMPUTER READABLE FORM:

: MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

: COMPUTER: IBM PC

: OPERATING SYSTEM: WINDOWS 95

: SOFTWARE: WORDPERFECT 6.0

: CURRENT APPLICATION DATA:

: APPLICATION NUMBER: US/09/280,805

: FILING DATE: herewith

: CLASSIFICATION:

: PRIOR APPLICATION DATA:

: APPLICATION NUMBER: 09/048,810

: FILING DATE: March 26, 1998

: ATTORNEY/AGENT INFORMATION:

: NAME: Licata, Jane Massey

: REGISTRATION NUMBER: 32,257

: REFERENCE/DOCKET NUMBER: ISPH-0346

: TELECOMMUNICATION INFORMATION:

: TELEPHONE: 609-810-1515

: TELEFAX: 609-810-1454

: INFORMATION FOR SEQ ID NO: 246:

: SEQUENCE CHARACTERISTICS:

: LENGTH: 20 base pairs

: TYPE: Nucleic Acid

: STRANDEDNESS: Single

: TOPOLOGY: Linear

: ANTI-SENSE: Yes

IS-09-280-805-246

Query Match

Best Local Similarity 0.6%; Score 13.2; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1951 GCCTCAAGTGAGCCAAAGA 1968

b 3 GCTTGACGTGAGCCAAAGA 20

RESULT 738

IS-08-822-516-10/c

: Sequence 10, Application US/08822516

: Patent No. 6200811

: GENERAL INFORMATION:

: APPLICANT: Corbeau, Pierre

: APPLICANT: Kraus, Guenter

: TITLE OF INVENTION: Design of No. 6200811el Highly Efficient HIV

: TITLE OF INVENTION: Based Packaging Systems for Gene Therapy

: NUMBER OF SEQUENCES: 14

: CORRESPONDENCE ADDRESS:

: ADDRESSEE: Townsend and Crew LLP

: STREET: Two Embarcadero Center, Eighth Floor

: CITY: San Francisco

: STATE: California

: COUNTRY: USA

: ZIP: 94111-3834

: COMPUTER READABLE FORM:

: MEDIUM TYPE: Floppy disk

: COMPUTER: IBM PC compatible

: OPERATING SYSTEM: PC-DOS/MS-DOS

: SOFTWARE: PatentIn Release #1.0, Version #1.30

: CURRENT APPLICATION DATA:

: APPLICATION NUMBER: US/08/822,516

: FILING DATE: 24-MAR-1997

: CLASSIFICATION: 424

: PRIOR APPLICATION DATA:

: APPLICATION NUMBER: US 60/015,555

: FILING DATE: 02-APR-1996

: ATTORNEY/AGENT INFORMATION:

: NAME: Quine, Jonathan A.

: REGISTRATION NUMBER: P-41,261

: REFERENCE/DOCKET NUMBER: 02307E-062110US

: TELECOMMUNICATION INFORMATION:

: TELEPHONE: (415) 576-0200

: TELEFAX: (415) 576-0300

: INFORMATION FOR SEQ ID NO: 10:

: SEQUENCE CHARACTERISTICS:

: LENGTH: 20 base pairs

: TYPE: nucleic acid

: STRANDEDNESS: single

: TOPOLOGY: linear

: MOLECULE TYPE: DNA

US-08-822-516-10

Query Match

Best Local Similarity 0.6%; Score 13.2; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1817 TAGCTTTGGAAAGGTGCC 1834

Db 18 TAGCTGTGGAAGATACC 1

RESULT 739

US-09-546-969-13

: Sequence 13, Application US/09546969

: Patent No. 6207409

: GENERAL INFORMATION:

: APPLICANT: Hohmann, Hans-Peter

: APPLICANT: Pasamontes, Luis

: APPLICANT: Tessier, Michel

: APPLICANT: van Loon, Adolphus

: TITLE OF INVENTION: FERMENTATIVE CAROTENOID PRODUCTION

: NUMBER OF SEQUENCES: 47

: CORRESPONDENCE ADDRESS:

: ADDRESSEE: Hoffmann-La Roche Inc.

: STREET: 340 Kingsland Street

: CITY: Nutley

: STATE: NJ

: COUNTRY: USA

: ZIP: 07110

: COMPUTER READABLE FORM:

: MEDIUM TYPE: Floppy disk

: COMPUTER: IBM PC compatible

: OPERATING SYSTEM: PC-DOS/MS-DOS

: SOFTWARE: PatentIn Release #1.0, Version #1.30

: CURRENT APPLICATION DATA:

: APPLICATION NUMBER: US/09/546,969

: FILING DATE:

: CLASSIFICATION:

: PRIOR APPLICATION DATA:

: APPLICATION NUMBER: 08/660,645

: FILING DATE:

: ATTORNEY/AGENT INFORMATION:

: NAME: Pokras, Bruce A.

: REGISTRATION NUMBER: 32,748

: REFERENCE/DOCKET NUMBER: RAN 6002/170

: TELECOMMUNICATION INFORMATION:


```
; TELEPHONE: (201) 235-5801
; TELEFAX: (201) 235-2363
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-09-546-969-13

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1647 CAAGGCCCGAGCTCAGG 1664
Db 1 CAAGGCCAGATCGCAGG 18

RESULT 740
US-09-446-504-24
; Sequence 24, Application US/09446504
; Patent No. 6218150
; GENERAL INFORMATION:
; APPLICANT: UEMORI, Takashi
; APPLICANT: SATO, Yoshimi
; APPLICANT: FUJITA, Tomoko
; APPLICANT: MIYAKE, Kazue
; APPLICANT: MUKAI, Hiroyuki
; APPLICANT: ASADA, Kiyozo
; APPLICANT: KATO, Ikunoshin
; TITLE OF INVENTION: DNA POLYMERASE-RELATED FACTORS
; FILE REFERENCE: 1422-408PCT
; CURRENT APPLICATION NUMBER: US/09/446,504
; CURRENT FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: PCT/JP98/02845
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: JP 9-187496
; PRIOR FILING DATE: 1997-06-26
; PRIOR APPLICATION NUMBER: JP 9-320692
; PRIOR FILING DATE: 1997-11-27
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
; US-09-446-504-24

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1934 TTGCTACCTTCCCACTGG 1951
Db 1 TTGCTACAGTCCCTCTGG 18

RESULT 741
US-09-103-875-119/c
; Sequence 119, Application US/09103875A
; Patent No. 6221849
; GENERAL INFORMATION:
; APPLICANT: Szyf, Moshe
; APPLICANT: Bigey, Pascal
; APPLICANT: Ramchandani, Shyam
; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
; TITLE OF INVENTION: OLIGONUCLEOTIDES
```

```
; FILE REFERENCE: 106101.194
; CURRENT APPLICATION NUMBER: US/09/103,875A
; CURRENT FILING DATE: 1998-06-24
; EARLIER APPLICATION NUMBER: 60/069,865
; EARLIER FILING DATE: 1997-12-17
; EARLIER APPLICATION NUMBER: 08/866,340
; EARLIER FILING DATE: 1997-05-30
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 119
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
; US-09-103-875-119

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 839 TACAGTGTGGCTCAGACT 856
Db 19 TACGGGTGGCCAGACT 2

RESULT 742
US-09-313-932-72
; Sequence 72, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-313-932-72

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1585 TCTATTCTCTGTGTATT 1602
Db 2 TCCATTCACTCTGTGTATT 19

RESULT 743
US-09-313-932-83
; Sequence 83, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
```

NUMBER OF SEQ ID NOS: 501

SEQ ID NO 83

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

JS-09-313-932-83

Query Match

Best Local Similarity 0.6%; Score 13.2; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1978 TGCCCTCTGCTGCTTC 1995

2b 2 TCCTCTCTGCTGCTATC 19

RESULT 744

JS-09-313-932-319/c

Sequence 319, Application US/09313932A

Patent No. 6228642

GENERAL INFORMATION:

APPLICANT: Baker, Brenda

APPLICANT: Bennett, C. Frank

APPLICANT: Butler, Madeline M.

APPLICANT: Shanahan, William R.

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-

FILE OF INVENTION: EXPRESSION

FILE REFERENCE: ISPH-0356

CURRENT APPLICATION NUMBER: US/09/313,932A

CURRENT FILING DATE: 1999-05-18

NUMBER OF SEQ ID NOS: 501

SEQ ID NO 319

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

JS-09-313-932-319

Query Match

Best Local Similarity 0.6%; Score 13.2; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1674 CTGGTGAGCTCTCCAG 1691

2b 20 CTGGAGGGGTCTCCAG 3

RESULT 745

JS-08-706-344C-6

Sequence 6, Application US/08706344C

Patent No. 6248555

GENERAL INFORMATION:

APPLICANT: TANZI, RUDOLPH

APPLICANT: WASCO, WILMA

TITLE OF INVENTION: Genetic Alterations Related To Familial

TITLE OF INVENTION: Alzheimer's Disease

NUMBER OF SEQUENCES: 32

CORRESPONDENCE ADDRESS:

ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

STREET: 1100 NEW YORK AVENUE, SUITE 600

CITY: WASHINGTON

STATE: DC

COUNTRY: USA

ZIP: 20005-3934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/706,344C
FILING DATE: 30-AUG-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/003,054
FILING DATE: 31-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: KIM, JUDITH U.
REGISTRATION NUMBER: 40,679
REFERENCE/DOCKET NUMBER: 0609.4180001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-706-344C-6

Query Match

Best Local Similarity 0.6%; Score 13.2; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 414 TGTGCAAGTCTGTGAA 431

Db 3 TGAGACAAAGTCCGTGAA 20

RESULT 746

US-08-725-027-11/c

Sequence 11, Application US/08725027

Patent No. 6251586

GENERAL INFORMATION:

APPLICANT: MULSHINE, JAMES, L.

APPLICANT: TUCKMAN, MELVIN, S.

TITLE OF INVENTION: AN EPITHELIAL PROTEIN AND

TITLE OF INVENTION: DNA THEREOF FOR USE IN EARLY CANCER DETECTION

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & FINNEGAN, L.L.P.

STREET: 345 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/725,027

FILING DATE: 02-OCT-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US08/538,711

FILING DATE: 02-OCT-1995

ATTORNEY/AGENT INFORMATION:

NAME: KATHRYN M. BROWN

REGISTRATION NUMBER: 34,556

REFERENCE/DOCKET NUMBER: 2026-4201US1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 758-4800

TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: Unknown

TOPOLOGY: Linear

MOLECULE TYPE: other nucleic acid

```
US-08-725-027-11
Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 GACGAAGACGACCTGAC 1269
DB 20 GACGAACGACCGGAC 3

RESULT 747
US-09-042-353-162/c
Sequence 162, Application US/09042353
Patent No. 6255458
GENERAL INFORMATION:
APPLICANT: Lonberg, Nils
APPLICANT: Kay, Robert M.
TITLE OF INVENTION: Transgenic No. 6255458-Human Animals for
producing Heterologous Antibodies
NUMBER OF SEQUENCES: 421
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,353
FILING DATE: 13-MAR-1998
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/810,279
FILING DATE: 17-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/853,408
FILING DATE: 18-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/904,068
FILING DATE: 23-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/990,860
FILING DATE: 16-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/053,131
FILING DATE: 26-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/096,762
FILING DATE: 22-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/155,301
FILING DATE: 18-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/161,739
FILING DATE: 03-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/165,699
FILING DATE: 10-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/209,741
FILING DATE: 09-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/352,322
FILING DATE: 07-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/544,404
FILING DATE: 10-OCT-1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/728,463
FILING DATE: 10-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US96/16433
FILING DATE: 10-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/758,417
FILING DATE: 02-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/21803
FILING DATE: 01-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 014643-009040US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 162:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-042-353-162

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1653 CCCGAGCTCAGGGCAGCT 1670
DB 19 CCCGAGCTCAGCTCAGCT 2

RESULT 748
US-08-674-509B-28
Sequence 28, Application US/08674509B
Patent No. 6261786
GENERAL INFORMATION:
APPLICANT: Ingham, Phillip W.
APPLICANT: McMahon, Andrew P.
APPLICANT: Tabin, Clifford J.
APPLICANT: Marigo, Valeria
TITLE OF INVENTION: SCREENING ASSAYS FOR HEDGEHOG AGONISTS
AND ANTAGONISTS
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/674,509B
FILING DATE: 02-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/460,900
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: HMV-006.06
TELECOMMUNICATION INFORMATION:
```

TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
7S-08-674-509B-28

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1436 AAGTCACCGAAGAGGAGA 1453
DB 1 AAGTCACCGAAGAGGAGA 18

RESULT 749

7S-08-954-698-28
Sequence 28, Application US/08954698
Patent No. 62711363

GENERAL INFORMATION:

APPLICANT: Ingham, Phillip W.
APPLICANT: McMahon, Andrew P.
APPLICANT: Tabin, Clifford J.
TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESS: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA

COUNTRY: USA
ZIP: 02109-2170

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/954,698
FILING DATE: 20-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/462,386
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/435,093
FILING DATE: 04-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/356,060
FILING DATE: 14-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/176,427
FILING DATE: 30-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: HMV-006.10
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000

INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

US-08-954-698-28

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1436 AAGTCACCGAAGAGGAGA 1453
DB 1 AAGTCACCGAAGAGGAGA 18

RESULT 750

US-09-516-357-6/c
Sequence 6, Application US/09516357
Patent No. 6277581

GENERAL INFORMATION:
APPLICANT: O'BRIEN, Thomas G.
APPLICANT: GUO, Yong Jun
TITLE OF INVENTION: ODC ALLELIC ANALYSIS METHOD FOR ASSESSING CARCINOGENIC
TITLE OF INVENTION: SUSCEPTIBILITY
FILE REFERENCE: 209855.0082/32U1
CURRENT APPLICATION NUMBER: US/09/516,357
CURRENT FILING DATE: 2000-03-01
EARLIER APPLICATION NUMBER: US 60/122,302
EARLIER FILING DATE: 1999-03-01
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Second
OTHER INFORMATION: (nested) pair of primers in Example 1
US-09-516-357-6

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1556 TCTTCCCAACCCCTCG 1573
DB 18 TCTTCCCAACCCCTCG 1

RESULT 751

US-09-254-733-34/c
Sequence 34, Application US/09254733
Patent No. 6277596

GENERAL INFORMATION:
APPLICANT: WATANABE, MANABU
APPLICANT: MORIYA, TATSUKI
APPLICANT: AOYAGI, KAORU
APPLICANT: SUMIDA, NAOMI
APPLICANT: MURAKAMI, TAKESHI
TITLE OF INVENTION: REGULATORY SEQUENCE OF CELLULOSE CBH1 GENES ORIGINATING
TITLE OF INVENTION: IN TRICHODERMA VIRIDE AND SYSTEM FOR MASS-PRODUCING
TITLE OF INVENTION: PROTEINS OR PEPTIDES THEREWITH
FILE REFERENCE: 99-0266*/LC(WMC)/00144
CURRENT APPLICATION NUMBER: US/09/254,733
CURRENT FILING DATE: 1999-05-07
NUMBER OF SEQ ID NOS: 52
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 34
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
OTHER INFORMATION: NUCLEIC ACID
US-09-254-733-34

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 409 GGTTCGTGGCAAGTGCT 426
||| ||||| |||
DB 20 GGTACTGTGGCAAGCT 3

RESULT 752
US-08-980-832-39
; Sequence 39, Application US/08980832B
; Patent No. 6291204
; GENERAL INFORMATION:
; APPLICANT: Pasamontes, Luis
; APPLICANT: Tsygankov, Yuri
; TITLE OF INVENTION: Improved Fermentative Carotenoid Production
; FILE REFERENCE: Improved Fermentative Carotenoid
; CURRENT APPLICATION NUMBER: US/08/980,832B
; CURRENT FILING DATE: 1997-12-01
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer #8
US-08-980-832-39

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1647 CAAGGCCCGAGCTCAGG 1664
||| ||||| |||
DB 1 CAAGGCCCGAGCTCAGG 18

RESULT 753
US-09-167-375-18/c
; Sequence 18, Application US/09167375B
; Patent No. 6291438
; GENERAL INFORMATION:
; APPLICANT: Jui H. Wang
; TITLE OF INVENTION: Antiviral anticancer poly-substituted phenyl derivatized oligorib
; FILE REFERENCE: Methods for their use.
; FILE REFERENCE: WNGJ 2002 (CIP-1)
; CURRENT APPLICATION NUMBER: US/09/167,375B
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 18
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Homo sapiens
; FEATURE:
; LOCATION: Portion of the RI/PKA gene
; OTHER INFORMATION: Sense sequence
US-09-167-375-18

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1936 CGTACCTTCCCACTGGCC 1953
||| ||||| |||
DB 19 CGTGCCCTCCTCACTGGCC 2

RESULT 754
US-08-758-417A-10/c
; Sequence 10, Application US/08758417A
; Patent No. 6300129
; GENERAL INFORMATION:

APPLICANT: Lonberg, Nils
Kay, Robert M.
TITLE OF INVENTION: Transgenic No. 6300129-Human Animals for
Producing Heterologous Antibodies
NUMBER OF SEQUENCES: 417
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,417A
FILING DATE: 02-Dec-1996
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/728,463
FILING DATE: 10-OCT-1996
APPLICATION NUMBER: US 08/544,404
FILING DATE: 10-OCT-1995
APPLICATION NUMBER: US 08/352,322
FILING DATE: 07-DEC-1994
APPLICATION NUMBER: US 08/209,741
FILING DATE: 09-MAR-1994
APPLICATION NUMBER: US 08/165,699
FILING DATE: 10-DEC-1993
APPLICATION NUMBER: US 08/161,739
FILING DATE: 03-DEC-1993
APPLICATION NUMBER: US 08/155,301
FILING DATE: 18-NOV-1993
APPLICATION NUMBER: US 08/096,762
FILING DATE: 22-JUL-1993
APPLICATION NUMBER: US 08/053,131
FILING DATE: 26-APR-1993
APPLICATION NUMBER: US 07/990,860
FILING DATE: 16-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Serafini, Andrew T.
REGISTRATION NUMBER: 41,303
REFERENCE/DOCKET NUMBER: 014643-009030US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-08-758-417A-10

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1653 CCGAGCTCAGGCAGCT 1670
||| ||||| |||
DB 19 CCGAGCTCAGCTCAGCT 2

RESULT 755
US-09-721-822A-91
; Sequence 91, Application US/09721822A
; Patent No. 6306606
; GENERAL INFORMATION:

```

APPLICANT: Michael J. Weber
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF MP-1 EXPRESSION
FILE REFERENCE: RTS-0142
CURRENT APPLICATION NUMBER: US/09/721,822A
CURRENT FILING DATE: 2000-11-22
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 91
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
IS-09-721-822A-91

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 2034 TTTTGGACATCTATTTT 2051
||||| |||||||
b 2 TTTTAAAAATCTATTTT 19

RESULT 756
IS-09-270-542-93/c
Sequence 93, Application US/09270542
Patent No. 6322976
GENERAL INFORMATION:
APPLICANT: Aitman, Timothy
APPLICANT: Scott, James
APPLICANT: Stanton, Lawrence
TITLE OF INVENTION: Compositions and Methods of Disease Diagnosis and
THERAPY
FILE REFERENCE: 4198/78179
CURRENT APPLICATION NUMBER: US/09/270,542
CURRENT FILING DATE: 1999-03-17
EARLIER APPLICATION NUMBER: 09/221,222
EARLIER FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 207
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 93
LENGTH: 20
TYPE: DNA
ORGANISM: Rattus norvegicus
IS-09-270-542-93

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 534 CTGGCCATCTCTGGAAC 551
||||| |||||||
b 20 CCTGGGTATCTCTGGAAC 3

RESULT 757
IS-09-131-684-10/c
Sequence 10, Application US/09131684
Patent No. 6323019
GENERAL INFORMATION:
APPLICANT: Corbeau, Pierre
APPLICANT: Kraus, Guenter
APPLICANT: Wong-Straal, Flossie
TITLE OF INVENTION: Design of No. 6323019el Highly Efficient HIV
TITLE OF INVENTION: Based Packaging Systems for Gene Therapy
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California

APPLICANT: Michael J. Weber
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF MP-1 EXPRESSION
FILE REFERENCE: RTS-0142
CURRENT APPLICATION NUMBER: US/09/721,822A
CURRENT FILING DATE: 2000-11-22
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 91
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
IS-09-721-822A-91

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 2034 TTTTGGACATCTATTTT 2051
||||| |||||||
b 2 TTTTAAAAATCTATTTT 19

RESULT 756
IS-09-270-542-93/c
Sequence 93, Application US/09270542
Patent No. 6322976
GENERAL INFORMATION:
APPLICANT: Aitman, Timothy
APPLICANT: Scott, James
APPLICANT: Stanton, Lawrence
TITLE OF INVENTION: Compositions and Methods of Disease Diagnosis and
THERAPY
FILE REFERENCE: 4198/78179
CURRENT APPLICATION NUMBER: US/09/270,542
CURRENT FILING DATE: 1999-03-17
EARLIER APPLICATION NUMBER: 09/221,222
EARLIER FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 207
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 93
LENGTH: 20
TYPE: DNA
ORGANISM: Rattus norvegicus
IS-09-270-542-93

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 534 CTGGCCATCTCTGGAAC 551
||||| |||||||
b 20 CCTGGGTATCTCTGGAAC 3

RESULT 757
IS-09-131-684-10/c
Sequence 10, Application US/09131684
Patent No. 6323019
GENERAL INFORMATION:
APPLICANT: Corbeau, Pierre
APPLICANT: Kraus, Guenter
APPLICANT: Wong-Straal, Flossie
TITLE OF INVENTION: Design of No. 6323019el Highly Efficient HIV
TITLE OF INVENTION: Based Packaging Systems for Gene Therapy
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
```

```

COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/131.684
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/822,516
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Quine, Jonathan A.
REGISTRATION NUMBER: P-41,261
REFERENCE/DOCKET NUMBER: 02307E-0621110US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-131-684-10

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1817 TAGCTTGGAAAGTGCC 1834
||||| |||||||
b 18 TAGCTGTGGAAAGATACC 1

RESULT 758
US-09-712-266-24
Sequence 24, Application US/09712266
Patent No. 6333158
GENERAL INFORMATION:
APPLICANT: UEMORI, Takashi
APPLICANT: SATO, Yoshiomi
APPLICANT: FUJITA, Tomoko
APPLICANT: MIYAKE, Kazue
APPLICANT: MUKAI, Hiroyuki
APPLICANT: ASADA, Kiyozo
APPLICANT: KATO, Ikunoshin
TITLE OF INVENTION: DNA POLYMERASE-RELATED FACTORS
FILE REFERENCE: 1422-408PCT
CURRENT APPLICATION NUMBER: US/09/712,266
CURRENT FILING DATE: 2000-11-15
PRIOR APPLICATION NUMBER: US 09/446,504
PRIOR FILING DATE: 1999-12-23
PRIOR APPLICATION NUMBER: PCT/JP98/02845
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: JP 9-187496
PRIOR FILING DATE: 1997-06-26
PRIOR APPLICATION NUMBER: JP 9-320692
PRIOR FILING DATE: 1997-11-27
NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-712-266-24
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Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1934 TTGCTACCTTCCCACTGG 1951
    ||||| ||||| |||||
Db 1 TTGCTACAGTCCCTCTGG 18

RESULT 759
US-08-722-015A-31/c
; Sequence 31, Application US/08722015A
; Patent No. 6379881
; GENERAL INFORMATION:
; APPLICANT: Fouchier, Ronaldus A.M.
; APPLICANT: Schuitmaker, Johanna
; TITLE OF INVENTION: NUCLEIC ACIDS AND METHODS FOR THE DISCRIMINATION BETWEEN SYNCYTII
; TITLE OF INVENTION: INDUCING AND NON SYNCYTIIUM INDUCING VARIANTS OF THE HUMAN IMMUNO
; FILE REFERENCE: 9250.25
; CURRENT APPLICATION NUMBER: US/08/722,015A
; CURRENT FILING DATE: 1996-11-19
; NUMBER OF SEQ ID NOS: 258
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide.
US-08-722-015A-31

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1577 TTATATTCTATTCTC 1594
    ||||| ||||| |||||
Db 19 TCATATTCTATTCTC 2

RESULT 760
US-08-957-874-28
; Sequence 28, Application US/08957874
; Patent No. 6384192
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; TITLE OF INVENTION: Proteins and Uses Related Thereto
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII(text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/957,874
; FILING DATE: 20-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/462,386
; FILING DATE: 5-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/435,093
; FILING DATE: 4-MAY-1995
; PRIOR APPLICATION DATA:
```

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; APPLICATION NUMBER: US 08/356,060
; FILING DATE: 14-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/176,427
; FILING DATE: 30-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMV-006.09
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 832-1000
; TELEFAX: (617) 832-7000
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-957-874-28

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1436 AAGTCACCGAAGAGGAGA 1453
    ||||| ||||| |||||
Db 1 AAGTCAGCCGAGGAGA 18

RESULT 761
US-09-798-096-60/c
; Sequence 60, Application US/09798096
; Patent No. 6393378
; GENERAL INFORMATION:
; APPLICANT: Donna T. Watt
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL2 EXPRESSION
; FILE REFERENCE: RTS-0207
; CURRENT APPLICATION NUMBER: US/09/798,096
; CURRENT FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-798-096-60

Query Match      0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 922 TTTGTCAAGAGCTTTAAC 939
    ||| ||||| |||||
Db 19 TTTAGCATGAGCTTTAAC 2

RESULT 762
US-09-798-096-69/c
; Sequence 69, Application US/09798096
; Patent No. 6393378
; GENERAL INFORMATION:
; APPLICANT: Donna T. Watt
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL2 EXPRESSION
; FILE REFERENCE: RTS-0207
; CURRENT APPLICATION NUMBER: US/09/798,096
; CURRENT FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 69
; LENGTH: 20
```

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
IS-09-798-096-69

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 2074 ATAAATGGTACATTCT 2091
|||||
b 20 ATACATGGTACATTCT 3

RESULT 763
IS-09-135-080-17
Sequence 17, Application US/09135080
Patent No. 6423827
GENERAL INFORMATION:

APPLICANT: Levitt, Pat R.
APPLICANT: Pimenta, Aurea
APPLICANT: Fischer, Itzhak
APPLICANT: Zhukareva, Victoria
TITLE OF INVENTION: Limbic System-Associated Membrane
TITLE OF INVENTION: Protein and DNA
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dechert Price & Rhoads
STREET: 997 Lenox Drive, Building 3, Suite 210
CITY: Lawrenceville
STATE: NJ
COUNTRY: USA
ZIP: 08543

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/135,080
FILING DATE: 17-AUG-1998
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/414,657
FILING DATE: 31-MAR-1995
ATTORNEY/AGENT INFORMATION:

NAME: Bloom, Allen
REGISTRATION NUMBER: 29,135
REFERENCE/DOCKET NUMBER: 317743-102A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-620-3214
TELEFAX: 609-620-3259
TELEX:

INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

S-09-135-080-17

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1470 GCCAGAGCCCAAGGGGT 1487
|||||
b 2 GCCAGAGCCCAAGGGGT 19

RESULT 764
IS-09-135-080-19

; Sequence 19, Application US/09135080
; Patent No. 6423827
; GENERAL INFORMATION:
; APPLICANT: Levitt, Pat R.
; APPLICANT: Pimenta, Aurea
; APPLICANT: Fischer, Itzhak
; APPLICANT: Zhukareva, Victoria
; TITLE OF INVENTION: Limbic System-Associated Membrane
; TITLE OF INVENTION: Protein and DNA
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dechert Price & Rhoads
; STREET: 997 Lenox Drive, Building 3, Suite 210
; CITY: Lawrenceville
; STATE: NJ
; COUNTRY: USA
; ZIP: 08543

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/135,080
; FILING DATE: 17-AUG-1998
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/414,657
; FILING DATE: 31-MAR-1995
; ATTORNEY/AGENT INFORMATION:

; NAME: Bloom, Allen
; REGISTRATION NUMBER: 29,135
; REFERENCE/DOCKET NUMBER: 317743-102A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-620-3214
; TELEFAX: 609-620-3259
; TELEX:

; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-135-080-19

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1470 GCCAGAGCCCAAGGGGT 1487
|||||
Db 2 GCCAGAGCCCAAGGGGT 19

RESULT 765

US-09-702-327-60/c
; Sequence 60, Application US/09702327
; Patent No. 6426220
; GENERAL INFORMATION:

APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/702,327
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-702-327-60

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1424 AGGAGAGAAAGAAAGTCA 1441
||||| ||| ||||| |||
Db 19 AGGAGAGAGAAAGAGACA 2

RESULT 766
US-09-907-843-18/c
; Sequence 18, Application US/09507843
; Patent No. 6440719
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-18

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1469 AGCCAGAGCCCAAGGG 1486
||||| ||| ||||| |||
Db 20 AGCAGAGCCCAAGATG 3

RESULT 767
US-09-613-444-8
; Sequence 8, Application US/09613444
; Patent No. 6444427
; GENERAL INFORMATION:
; APPLICANT: Ludwig, Erwin H.
; APPLICANT: Farese, Robert V.
; APPLICANT: Innerarity, Thomas L.
; APPLICANT: Cases, Sylvaine
; TITLE OF INVENTION: Polymorphisms in a Diacylglycerol
; FILE REFERENCE: 65101910S1
; CURRENT APPLICATION NUMBER: US/09/613,444
; CURRENT FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: p16 primer
US-09-613-444-8

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 566 AGAGGGTCTGTACATTG 583
||||| ||| ||||| |||
Db 2 AGAGGCTCTGTCAATTG 19

RESULT 768

US-09-517-467B-237/c
; Sequence 237, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 237
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-237

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 607 GCGGTGGAAGGCGCTTC 624
||||| ||| ||||| |||
Db 19 GGGGAGAAAGGCGCTTC 2

RESULT 769
US-09-690-364-56
; Sequence 56, Application US/09690364
; Patent No. 6468795
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF APAP-1 EXPRESSION
; FILE REFERENCE: RTS-0190
; CURRENT APPLICATION NUMBER: US/09/690,364
; CURRENT FILING DATE: 2000-10-17
; NUMBER OF SEQ ID NOS: 100
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-690-364-56

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 TTAACCTGCTATGCTGA 952
||||| ||| ||||| |||
Db 3 TTAACCTGCTATGCTGA 20

RESULT 770
US-09-706-197-72
; Sequence 72, Application US/09706197
; Patent No. 6475797
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: David Spector
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SR-CYP EXPRESSION
; FILE REFERENCE: RTS-0145
; CURRENT APPLICATION NUMBER: US/09/706,197
; CURRENT FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 72

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

IS-09-706-197-72

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1672 TGCTGGGTGAGCTCTTC 1689

b 1 TTCTGTGTGAGCTCTTAC 18

RESULT 771

IS-09-277-196-13/c

Sequence 13, Application US/09277196

Patent No. 6476206

GENERAL INFORMATION:

APPLICANT: Trink, Barry

APPLICANT: Jen, Jin

APPLICANT: Ratovitski, Edward

APPLICANT: Sidransky, David

TITLE OF INVENTION: p40 Protein Acts as an Oncogene

FILE REFERENCE: 01107.79765

CURRENT APPLICATION NUMBER: US/09/277,196

CURRENT FILING DATE: 1999-03-26

EARLIER APPLICATION NUMBER: 60/079736

EARLIER FILING DATE: 1998-03-27

NUMBER OF SEQ ID NOS: 20

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 13

LENGTH: 20

TYPE: DNA

ORGANISM: Homo sapiens

IS-09-277-196-13

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1486 GTCACGAGGAGGTCAAG 1503

b 18 GTCACGAGGAGGTGTAAG 1

RESULT 772

IS-09-305-856B-34/c

Sequence 34, Application US/09305856B

Patent No. 6479236

GENERAL INFORMATION:

APPLICANT: Penny, Laura

APPLICANT: Galvin, Margaret

TITLE OF INVENTION: Genotyping the Human

FILE REFERENCE: 4389-7 (formerly SEQ-17CIP)

CURRENT APPLICATION NUMBER: US/09/305,856B

CURRENT FILING DATE: 1999-05-05

PRIOR APPLICATION NUMBER: 60/084,807

PRIOR FILING DATE: 1998-05-07

NUMBER OF SEQ ID NOS: 124

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 34

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

S-09-305-856B-34

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1826 AAAGTGCCCTTATTGAA 1843

Db 18 AAAGTGCCCTTATTGAA 1

RESULT 773

US-09-920-668-33

Sequence 33, Application US/09920668

Patent No. 6482644

GENERAL INFORMATION:

APPLICANT: Lex M. Cowsett

APPLICANT: Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION

FILE REFERENCE: RTS-0246

CURRENT APPLICATION NUMBER: US/09/920,668

CURRENT FILING DATE: 2001-08-01

NUMBER OF SEQ ID NOS: 49

SEQ ID NO 33

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-920-668-33

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1217 CTGAGGAGCCATCCCTG 1234

Db 1 CTCAGGCGCCCTCCCTG 18

RESULT 774

US-09-659-845A-28

Sequence 28, Application US/09659845A

Patent No. 6492170

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION

FILE REFERENCE: RTS-0183

CURRENT APPLICATION NUMBER: US/09/659,845A

CURRENT FILING DATE: 2001-07-23

NUMBER OF SEQ ID NOS: 174

SEQ ID NO 28

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-659-845A-28

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1975 GCCTGCCCTCTGTCTGTC 1992

Db 3 GCCTGCCCTCTGTCTGTC 20

RESULT 775

US-09-659-845A-164

Sequence 164, Application US/09659845A

Patent No. 6492170

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION

; FILE REFERENCE: RTS-0183

; CURRENT APPLICATION NUMBER: US/09/659,845A

; CURRENT FILING DATE: 2001-07-23

; NUMBER OF SEQ ID NOS: 174

; SEQ ID NO 164

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-659-845A-164

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1686 TTCCAGGAGCCACTTGC 1703

Db 1 TACCAGGAGCCACTTTC 18

RESULT 776

US-09-542-552-11/c

; Sequence 11, Application US/09542552

; Patent No. 6500625

; GENERAL INFORMATION:

; APPLICANT: MULSHINE, JAMES, L.

; TITLE OF INVENTION: AN EPITHELIAL PROTEIN AND

; TITLE OF INVENTION: DNA THEREOF FOR USE IN EARLY CANCER DETECTION

; NUMBER OF SEQUENCES: 23

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.

; STREET: 345 PARK AVENUE

; CITY: NEW YORK

; STATE: NEW YORK

; COUNTRY: USA

; ZIP: 10154

; COMPUTER READABLE FORM: DISK

; MEDIUM TYPE: FLOPPY

; COMPUTER: IBM PC COMPATIBLE

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: ASCII

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/542,552

; FILING DATE: 03-APR-2000

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/538,711

; FILING DATE: 02-OCT-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: KATHRYN M. BROWN

; REGISTRATION NUMBER: 34,556

; REFERENCE/DOCKET NUMBER: 2026-4201

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 758-4800

; TELEFAX: (212) 751-6849

; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: nucleic acid

; STRANDEDNESS: Unknown

; TOPOLOGY: Linear

; MOLECULE TYPE: other nucleic acid

US-09-542-552-11

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 GACGAGACGACCTGTAC 1269

Db 20 GACGACACGACCGGAC 3

RESULT 777

US-09-668-313A-43/c

; Sequence 43, Application US/09668313A

; Patent No. 6503756

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Susan M. Freier

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION

; FILE REFERENCE: RTS-0127

; CURRENT APPLICATION NUMBER: US/09/668,313A

; CURRENT FILING DATE: 2000-09-22

; NUMBER OF SEQ ID NOS: 247

; SEQ ID NO 43

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-668-313A-43

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1421 CAGAGGAGAGAAAGAG 1438

Db 19 CAGAGGAGAGAGAGAGG 2

RESULT 778

US-09-668-313A-80/c

; Sequence 80, Application US/09668313A

; Patent No. 6503756

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Susan M. Freier

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION

; FILE REFERENCE: RTS-0127

; CURRENT APPLICATION NUMBER: US/09/668,313A

; CURRENT FILING DATE: 2000-09-22

; NUMBER OF SEQ ID NOS: 247

; SEQ ID NO 80

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-668-313A-80

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1598 GTATTTATATAAAATTT 1615

Db 19 GTATTTTGTAAACTTT 2

RESULT 779

US-09-668-313A-179

; Sequence 179, Application US/09668313A

; Patent No. 6503756

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Susan M. Freier

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION

; FILE REFERENCE: RTS-0127

; CURRENT APPLICATION NUMBER: US/09/668,313A

CURRENT FILING DATE: 2000-09-22
NUMBER OF SEQ ID NOS: 247
SEQ ID NO 179
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-179

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 456 CGCTGTGAATTGGGCTGG 473
| | | | | | | | | |
b 1 CCCTGTCAAGTGGGCTGG 18

RESULT 780

US-09-647-133-9

Sequence 9, Application US/09647133
Patent No. 6511804

GENERAL INFORMATION:

APPLICANT: Haydock, Paul V.

APPLICANT: Uren, Jack R.

APPLICANT: Saigene Corporation

TITLE OF INVENTION: A Selective Assay for Determining the Identity of Live
TITLE OF INVENTION: Microorganisms in a Mixed Culture

FILE REFERENCE: 018048-00071005

CURRENT APPLICATION NUMBER: US/09/647,133

CURRENT FILING DATE: 2001-01-05

PRIOR APPLICATION NUMBER: US 60/079,684

PRIOR FILING DATE: 1998-03-27

PRIOR APPLICATION NUMBER: WO PCT/US99/06610

PRIOR FILING DATE: 1999-03-25

NUMBER OF SEQ ID NOS: 11

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 9

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Proteus

OTHER INFORMATION: mirabilis lpp PCR primer

US-09-647-133-9

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 433 CTTAATAAGCTGAAACG 450
| | | | | | | | | |
b 3 CTTAATAAGCTGAAACG 20

RESULT 781

S-09-216-393B-285/c

Sequence 285, Application US/09216393B

Patent No. 6514694

GENERAL INFORMATION:

APPLICANT: Milhausen, Michael James

TITLE OF INVENTION: TOXOPIASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THEREOF

FILE REFERENCE: TX-1-C2

CURRENT APPLICATION NUMBER: US/09/216,393B

CURRENT FILING DATE: 1998-12-18

PRIOR APPLICATION NUMBER: 08/994,825

PRIOR FILING DATE: 1997-12-19

NUMBER OF SEQ ID NOS: 366

SOFTWARE: PatentIn version 3.1

SEQ ID NO 285

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-216-393B-285

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 807 AATGGAGATGTTCCAGCC 824
| | | | | | | | | |
Db 19 AATGGATGTTCTCGCC 2

RESULT 782

US-08-921-497-6/c

Sequence 6, Application US/08921497

Patent No. 6521225

GENERAL INFORMATION:

APPLICANT: Srivastava, Arun

APPLICANT: Ponnazhagan, Selvarangan

APPLICANT: Chloemer, Robert H.

APPLICANT: Wang, Xu-Shan

APPLICANT: Yoder, Mervin C.

APPLICANT: Zhou, Shang-Zhen

APPLICANT: Escobedo, Jaime

APPLICANT: Varivani, Dwarki

TITLE OF INVENTION: An AAV Vector Having Two Modified D-Sequences (As Amended)

FILE REFERENCE: 1242.003

CURRENT APPLICATION NUMBER: US/08/921,497

CURRENT FILING DATE: 1997-09-02

PRIOR APPLICATION NUMBER: US 60/025,616

PRIOR FILING DATE: 1996-09-06

PRIOR APPLICATION NUMBER: US 60/025,649

PRIOR FILING DATE: 1996-09-11

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn version 3.1

SEQ ID NO 6

LENGTH: 20

TYPE: DNA

ORGANISM: mouse

FEATURE:

NAME/KEY: misc feature

OTHER INFORMATION: primer for the mouse beta-actin gene

US-08-921-497-6

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 928 AAGAGCTTTAACCCTGCCT 945
| | | | | | | | | |
Db 20 AAGAGCTATGAGCTGCCT 3

RESULT 783

US-09-883-405-2

Sequence 2, Application US/09883405

Patent No. 6528062

GENERAL INFORMATION:

APPLICANT: KIM Chul Ju; Kostarworld Co., LTD.

TITLE OF INVENTION: Functional aquarium water and preparation method thereof

FILE REFERENCE: 01P30

CURRENT APPLICATION NUMBER: US/09/883,405

CURRENT FILING DATE: 2001-09-12

NUMBER OF SEQ ID NOS: 6

SOFTWARE: KopatentIn 1.71

SEQ ID NO 2

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: EUB2 primer: reverse primer specific for 16s rRNA sequence of


```
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-23876 for SEQ 3128, in complement
IS-09-422-978-10993

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1597 ACCTGGCACCATTCTT 1714
b 18 ATCCTGCCACCATCTT 1

RESULT 788
IS-09-380-836-81/c
Sequence 81, Application US/09380836
Patent No. 6551775
GENERAL INFORMATION:
APPLICANT: Lifton, Richard P.
APPLICANT: Chang, Sue S.
APPLICANT: Rossier, Bernard C.
TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
TITLE OF INVENTION: Resulting from Deficient Ion Transport such as
TITLE OF INVENTION: Pseudohypoaldosteronism Type-1
FILE REFERENCE: 44574-5018-US
CURRENT APPLICATION NUMBER: US/09/380,836
CURRENT FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 60/040,171
PRIOR FILING DATE: 1997-03-11
PRIOR APPLICATION NUMBER: PCT/US98/04681
PRIOR FILING DATE: 1998-03-11
NUMBER OF SEQ ID NOS: 106
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: B-14 reverse
OTHER INFORMATION: PCR primer
IS-09-380-836-81

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 428 TGAACCTTATAAGCAGC 445
b 19 TGAACCTCACTGAGCAGC 2

RESULT 789
IS-09-168-595-52
Sequence 52, Application US/09168595
Patent No. 6555666
GENERAL INFORMATION:
APPLICANT: Gregory Dolganov
TITLE OF INVENTION: Transcripts Encoding Immunomodulatory
TITLE OF INVENTION: Polypeptides
NUMBER OF SEQUENCES: 151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:

LENGTH: 20
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.125
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/168,595
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/592,126
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 4600-0111
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: oligonucleotide #4578
US-09-168-595-52

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1029 GGAGATCCCTAATGAGCT 1046
Db 3 GGAGATCTCTTAAGAGCT 20

RESULT 790
US-09-198-452A-1559
Sequence 1559, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Grifais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1559
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1559

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1746 CAGTCTGGGTGAAGGG 1763
Db 2 CTGGTCTGGGTAAAGGG 19

RESULT 791
US-09-198-452A-1586
Sequence 1586, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
```

```
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1586
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1586

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 601 GGTGAGCGGCTGGAAGAG 618
Db 1 GGTGAGGCGATGGAAG 18

RESULT 792
US-09-198-452A-1695
; Sequence 1695, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1695
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1695

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 614 AAGAGGCTTCTACACCA 631
Db 2 AAGAGGCTGCTGCCCA 19

RESULT 793
US-09-198-452A-1972/c
; Sequence 1972, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1972
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1972

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1980 CCTCTGTCTGCTTCTC 1997
Db 18 CCTCTATCGGTCTGCTC 1
```

RESULT 794

```
US-09-198-452A-2937
; Sequence 2937, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2937
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2937
```

```
Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1032 GATCCCTAATGAGCTTCC 1049
Db 1 GATCCCTCATCAGCTTCC 18
```

RESULT 795

```
US-09-198-452A-2965/c
; Sequence 2965, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2965
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2965
```

```
Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 35 ACTGACGGTAGGACGGG 52
Db 18 ACTGCGGTAATGACGGG 1
```

RESULT 796

```
US-09-198-452A-3522/c
; Sequence 3522, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
```

RESULT 799
US-09-198-452A-3972
; Sequence 3972, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3972
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 776 AGGCATTTTCAAGCCGG 793
b 18 AGTCATTTTAAAGCCCG 1

RESULT 797
US-09-198-452A-3617/c
; Sequence 3617, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3617
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1560 CCCCAACCCCTCAGATTT 1577
b 18 CCCCAACCCCAAGCTCT 1

US-09-198-452A-3617

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1560 CCCCAACCCCTCAGATTT 1577
b 18 CCCCAACCCCAAGCTCT 1

RESULT 798
US-09-198-452A-3864/c
; Sequence 3864, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3864
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 658 CATTAAGTATCGAGAGTAC 675
b 19 CATTAATCATGGAGAGAAC 2

RESULT 799
US-09-198-452A-3972
; Sequence 3972, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3972
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 911 AGTGTGTGGATTTTGTCA 928
b 2 ATTGTGTGGATTTGTCCA 19

US-09-198-452A-4808
; Sequence 4808, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4808
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 911 AGTGTGTGGATTTTGTCA 928
b 2 ATTGTGTGGATTTGTCCA 19

RESULT 800
US-09-198-452A-4808
; Sequence 4808, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4808
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 311 ACATGTCTGGAGTACAGCA 328
b 1 AAATGTTGGAGTACCGCA 18

US-09-198-452A-4937
; Sequence 4937, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4937
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 311 ACATGTCTGGAGTACAGCA 328
b 1 AAATGTTGGAGTACCGCA 18

RESULT 801
US-09-198-452A-4937
; Sequence 4937, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4937
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 658 CATTAAGTATCGAGAGTAC 675
b 19 CATTAATCATGGAGAGAAC 2

US-09-198-452A-4937

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1021 CTGGATACGAGATCCCT 1038
|||||
Db 1 CTGGATTCGAATCCCT 18

RESULT 802

US-09-198-452A-5002
; Sequence 5002, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:

; APPLICANT: Grifffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5002
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-5002
Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 940 CTGCCATGCTGATGCTG 957
|||||
Db 2 CTGCCGATGATGCTGCTG 19

RESULT 803

US-09-198-452A-5682
; Sequence 5682, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:

; APPLICANT: Grifffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5682
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-5682
Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 294 CTCGATCCGTCGATGAT 311
|||||
Db 1 CTCGACACGTCGACGAAA 18

RESULT 804

US-09-198-452A-5852/c
; Sequence 5852, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifffais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5852
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5852

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 TCACGTTTCTCCCAAC 1566
|||||
Db 18 TGACGTTTCTTCCAGC 1

RESULT 805

US-09-198-452A-6074
; Sequence 6074, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:

; APPLICANT: Grifffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6074
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-6074

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 928 ACAGCTTTAACTGCT 945
|||||
Db 2 ACAGCTTTAACTCCAT 19

RESULT 806

US-09-198-452A-6132
; Sequence 6132, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:

; APPLICANT: Grifffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6132
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-6132

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Y 1467 GAAGCCAGAGCCCAAGG 1484
||||| ||||| |||||
b 1 GAAGCAAGAGCACAAAG 18

RESULT 807
IS-09-198-452A-6589/c
: Sequence 6589, Application US/09198452A
: Patent No. 6559294
: GENERAL INFORMATION:
: APPLICANT: Griffais, R.
: TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
: TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
: TITLE OF INVENTION: and treatment of infection
: FILE REFERENCE: 9710-003-999
: CURRENT APPLICATION NUMBER: US/09/198,452A
: CURRENT FILING DATE: 1998-11-24
: NUMBER OF SEQ ID NOS: 6849
: SEQ ID NO 6589
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Chlamydia pneumoniae
IS-09-198-452A-6589

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 101 ACTACTACGAGGGGATG 118
||||| ||||| |||||
b 19 ACTACCACCTACGAGGATG 2

RESULT 808
IS-09-198-452A-6592/c
: Sequence 6592, Application US/09198452A
: Patent No. 6559294
: GENERAL INFORMATION:
: APPLICANT: Griffais, R.
: TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
: TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
: TITLE OF INVENTION: and treatment of infection
: FILE REFERENCE: 9710-003-999
: CURRENT APPLICATION NUMBER: US/09/198,452A
: CURRENT FILING DATE: 1998-11-24
: NUMBER OF SEQ ID NOS: 6849
: SEQ ID NO 6592
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Chlamydia pneumoniae
IS-09-198-452A-6592

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 101 ACTACTACGAGGGGATG 118
||||| ||||| |||||
b 20 ACTACCACCTACGAGGATG 3

RESULT 809
IS-09-572-891-1
: Sequence 1, Application US/09572891
: Patent No. 656064
: GENERAL INFORMATION:
: APPLICANT: SHIRAKI, MASATAKA
: APPLICANT: OUCHI, YASUYOSHI
: APPLICANT: HOSOI, TAKAYUKI
: APPLICANT: KUSABA, NOBUTAKA
: APPLICANT: BABA, TOSHIKI
: APPLICANT: YOSHIDA, HIROSHI
: TITLE OF INVENTION: METHOD FOR ANTICIPATING SENSITIVITY TO MEDICINE FOR

; TITLE OF INVENTION: OSTEOPOROSIS AND A REAGENT THEREOF
; FILE REFERENCE: NISS-051
; CURRENT APPLICATION NUMBER: US/09/572,891
; CURRENT FILING DATE: 2000-05-18
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Located on the 12th chromosome; a part of the base sequence
; OTHER INFORMATION: of vitamin D receptor gene.
US-09-572-891-1

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1205 TGCAGGCGATTCTCGAGG 1222
||||| ||||| |||||
DB 2 TGCAGGCGATTCTCGTAGG 19

RESULT 810
US-09-710-794-13
; Sequence 13, Application US/09710794
; Patent No. 6573069
; GENERAL INFORMATION:
; APPLICANT: Holloway, James L.
; APPLICANT: Gao, Zeren
; APPLICANT: Whitmore, Theodore E.
; TITLE OF INVENTION: NOVEL CRIB PROTEIN ZMSE1
; FILE REFERENCE: 99-76
; CURRENT APPLICATION NUMBER: US/09/710,794
; CURRENT FILING DATE: 2000-11-09
; PRIOR APPLICATION NUMBER: US 60/164,685
; PRIOR FILING DATE: 1999-11-10
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19192
US-09-710-794-13

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1486 GTCAAGGAGGAGGTCAAG 1503
||||| ||||| |||||
DB 3 GTCAAGGAGGTGGTCAGG 20

RESULT 811
US-09-639-695-28
; Sequence 28, Application US/09639695
; Patent No. 6576237
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; McMahon, Andrew P.
; Tabin, Clifford J.
; Bumcrot, David A.
; Marti-Gorostiza, Elisa
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; Proteins and Uses Related Thereof
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
```

; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/639,695
; FILING DATE: 16-Aug-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/435,093
; FILING DATE: 4-MAY-1995
; APPLICATION NUMBER: US 08/356,060
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: US 08/176,427
; FILING DATE: 30-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMV-006.05
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 832-1000
; TELEFAX: (617) 832-7000
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-639-695-28
Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1436 AAGTCACCGAAGAGGAGA 1453
Db 1 AAGTCACCGAAGAGGAGA 18
RESULT 812
US-09-639-695-58
Sequence 58, Application US/09639695
Patent No. 6576237
GENERAL INFORMATION:
APPLICANT: Ingham, Phillip W.
McMahon, Andrew P.
Tabin, Clifford J.
Bumcrot, David A.
Martí-Gorostiza, Elisa
TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
PROTEINS AND USES RELATED THEREOF
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/639,695
FILING DATE: 16-Aug-2000

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/435,093
; FILING DATE: 4-MAY-1995
; APPLICATION NUMBER: US 08/356,060
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: US 08/176,427
; FILING DATE: 30-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMV-006.05
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 832-1000
; TELEFAX: (617) 832-7000
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-09-639-695-58
Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1436 AAGTCACCGAAGAGGAGA 1453
Db 1 AAGTCACCGAAGAGGAGA 18
RESULT 813
US-09-356-806-149/c
Sequence 149, Application US/09356806
Patent No. 6586175
GENERAL INFORMATION:
APPLICANT: Penny, Laura
Galvin, Margaret
APPLICANT: Miller, Andrew
APPLICANT: Reidy, Michael
TITLE OF INVENTION: Genotyping Human
UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
TITLE OF INVENTION: 2B15 (UGT2B15) Genes
FILE REFERENCE: SEQ-22PRV2
CURRENT APPLICATION NUMBER: US/09/356,806
CURRENT FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 164
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 149
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
US-09-356-806-149
Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1473 AGAAGCCAAAGGGGTCAA 1490
Db 20 AGAAGCCAAAGGGGTCAA 3
RESULT 814
US-09-249-247-121
Sequence 121, Application US/09249247
Patent No. 6593305
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and

TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase

FILE REFERENCE: 032396-023

CURRENT APPLICATION NUMBER: US/09/249,247

CURRENT FILING DATE: 1999-02-11

EARLIER APPLICATION NUMBER: US 60/023,040

EARLIER FILING DATE: 1996-08-02

EARLIER APPLICATION NUMBER: US 60/039,959

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: US 08/904,901

EARLIER FILING DATE: 1997-08-01

NUMBER OF SEQ ID NOS: 220

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 121

LENGTH: 20

TYPE: DNA

ORGANISM: Human

IS-09-249-247-121

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1908 TCAGCCATTTCAGTTG 1925

|||||

Db 3 TCAGCCACTTTCATTG 20

RESULT 815

IS-09-081-385-140

Sequence 140, Application US/09081385

Patent No. 6593456

GENERAL INFORMATION:

APPLICANT: Gatanaga, T.

APPLICANT: Granger, G.A.

TITLE OF INVENTION: Factors Altering Tumor Necrosis

TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods

TITLE OF INVENTION: of Use Thereof

NUMBER OF SEQUENCES: 154

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORRISON & FOERSTER

STREET: 755 PAGE MILL ROAD

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304-1018

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows

SOFTWARE: FastSeq for Windows Version 2.0b

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/081,385

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/964,747

FILING DATE: 05-NOV-1997

APPLICATION NUMBER: 60/030,761

FILING DATE: 06-NOV-1996

ATTORNEY/AGENT INFORMATION:

NAME: Wu, Frank

REGISTRATION NUMBER: 41,386

REFERENCE/DOCKET NUMBER: 22000-20577.21

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-813-5600

TELEFAX: 650-494-0792

TELEX: 706141

INFORMATION FOR SEQ ID NO: 140:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-081-385-140

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1078 CCAGATTTCAGCTCCAC 1095

|||||

Db 3 CCAGACTTCACCTTCAC 20

RESULT 816

US-09-689-065B-32

; Sequence 32, Application US/09689065B

; Patent No. 6605696

; GENERAL INFORMATION:

; APPLICANT: Pfizer Products, Inc.

; TITLE OF INVENTION: LAWSONIA INTRACELLULARIS PROTEINS AND RELATED METHODS AND

; TITLE OF INVENTION: MATERIALS

; FILE REFERENCE: 3153.00187/PCI0589A

; CURRENT APPLICATION NUMBER: US/09/689,065B

; CURRENT FILING DATE: 2000-10-12

; PRIOR APPLICATION NUMBER: US Prov. 60/160,922

; PRIOR FILING DATE: 1999-10-22

; PRIOR APPLICATION NUMBER: US Prov. 60/163,858

; PRIOR FILING DATE: 1999-11-05

; NUMBER OF SEQ ID NOS: 112

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 32

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Lawsonia intracellularis

US-09-689-065B-32

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1083 TTTCAGCTCCACATCAG 1100

|||||

Db 3 TTTCAGATCTACTTCAG 20

RESULT 817

US-09-448-188-28

; Sequence 28, Application US/09448188

; Patent No. 6607913

; GENERAL INFORMATION:

; APPLICANT: Ingham, Phillip W.

; McMahon, Andrew P.

; Tabin, Clifford J.

; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing

; Proteins and Uses Related Thereto

; NUMBER OF SEQUENCES: 48

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: FOLEY, HOAG & ELIOT LLP

; STREET: One Post Office Square

; CITY: Boston

; STATE: MA

; COUNTRY: USA

; ZIP: 02109-2170

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/448,188

; FILING DATE: 23-No. 6607913-1999

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/462,386

; FILING DATE: 05-JUN-1995

; APPLICATION NUMBER: US 08/435,093

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/ FILING DATE: 04-MAY-1995
/ APPLICATION NUMBER: US 08/356,060
/ FILING DATE: 14-DEC-1994
/ APPLICATION NUMBER: US 08/176,427
/ FILING DATE: 30-DEC-1993
/ ATTORNEY/AGENT INFORMATION:
/   NAME: Vincent, Matthew P.
/   REGISTRATION NUMBER: 36,709
/   REFERENCE/DOCKET NUMBER: HMV-006.12
/ TELECOMMUNICATION INFORMATION:
/   TELEPHONE: 617-832-1000
/   TELEFAX: 617-832-7000
/ INFORMATION FOR SEQ ID NO: 28:
/   SEQUENCE CHARACTERISTICS:
/     LENGTH: 20 base pairs
/     TYPE: nucleic acid
/     STRANDEDNESS: single
/     TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-448-188-28

      Query Match      0.6%; Score 13.2; DB 1; Length 20;
      Best Local Similarity 83.3%; Pred. No. 5.8e+02;
      Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1436 AAGTCACCGAAGAGGAGA 1453
DB      1 AAGTCAGCCGAGGAGA 18
      |||||
      |||||

RESULT 818
US-08-954-128-28
/ Sequence 28, Application US/08954128
/ Patent No. 6610656
/ GENERAL INFORMATION:
/   APPLICANT: Ingham, Phillip W.
/   APPLICANT: McMahon, Andrew P.
/   APPLICANT: Tabin, Clifford J.
/ TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
/ TITLE OF INVENTION: Proteins and Uses Related Thereto
/ NUMBER OF SEQUENCES: 48
/ CORRESPONDENCE ADDRESS:
/   ADDRESSEE: FOLEY, HOAG & ELIOT LLP
/   STREET: One Post Office Square
/   CITY: Boston
/   STATE: MA
/   COUNTRY: USA
/   ZIP: 02109-2170
/ COMPUTER READABLE FORM:
/   MEDIUM TYPE: Floppy disk
/   COMPUTER: IBM PC compatible
/   OPERATING SYSTEM: PC-DOS/MS-DOS
/   SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/   APPLICATION NUMBER: US/08/954,128
/   FILING DATE: 20-OCT-1997
/ PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: US 08/462,386
/   FILING DATE: 05-JUN-1995
/ PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: US 08/435,093
/   FILING DATE: 04-MAY-1995
/ PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: US 08/356,060
/   FILING DATE: 14-DEC-1994
/ PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: US 08/176,427
/   FILING DATE: 30-DEC-1993
/ ATTORNEY/AGENT INFORMATION:
/   NAME: Vincent, Matthew P.
/   REGISTRATION NUMBER: 36,709
/   REFERENCE/DOCKET NUMBER: HMV-006.12
```

```
/ TELECOMMUNICATION INFORMATION:
/   TELEPHONE: 617-832-1000
/   TELEFAX: 617-832-7000
/ INFORMATION FOR SEQ ID NO: 28:
/   SEQUENCE CHARACTERISTICS:
/     LENGTH: 20 base pairs
/     TYPE: nucleic acid
/     STRANDEDNESS: single
/     TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-954-128-28

      Query Match      0.6%; Score 13.2; DB 1; Length 20;
      Best Local Similarity 83.3%; Pred. No. 5.8e+02;
      Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1436 AAGTCACCGAAGAGGAGA 1453
DB      1 AAGTCAGCCGAGGAGA 18
      |||||
      |||||

RESULT 819
US-09-547-267-13
/ Sequence 13, Application US/09547267
/ Patent No. 6613543
/ GENERAL INFORMATION:
/   APPLICANT: Hohmann, Hans-Peter
/   APPLICANT: Pasamontes, Luis
/   APPLICANT: Tessier, Michel
/   APPLICANT: van Loon, Adolphus
/ TITLE OF INVENTION: FERMENTATIVE CAROTENOID PRODUCTION
/ NUMBER OF SEQUENCES: 47
/ CORRESPONDENCE ADDRESS:
/   ADDRESSEE: Hoffmann-La Roche Inc.
/   STREET: 340 Kingsland Street
/   CITY: Nutley
/   STATE: NJ
/   COUNTRY: USA
/   ZIP: 07110
/ COMPUTER READABLE FORM:
/   MEDIUM TYPE: Floppy disk
/   COMPUTER: IBM PC compatible
/   OPERATING SYSTEM: PC-DOS/MS-DOS
/   SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/   APPLICATION NUMBER: US/09/547,267
/   FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: 08/660,645
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/   NAME: Pokras, Bruce A.
/   REGISTRATION NUMBER: 32,748
/   REFERENCE/DOCKET NUMBER: RAN 6002/170
/ TELECOMMUNICATION INFORMATION:
/   TELEPHONE: (201) 235-5801
/   TELEFAX: (201) 235-2363
/ INFORMATION FOR SEQ ID NO: 13:
/   SEQUENCE CHARACTERISTICS:
/     LENGTH: 20 base pairs
/     TYPE: nucleic acid
/     STRANDEDNESS: single
/     TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ US-09-547-267-13

      Query Match      0.6%; Score 13.2; DB 1; Length 20;
      Best Local Similarity 83.3%; Pred. No. 5.8e+02;
      Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Y 1647 CAAGGCCCGAGCTCAGG 1664
|||||
b 1 CAAGGCCGAGTCGAGG 18

RESULT 820

JS-09-526-193A-141
Sequence 141, Application US/09526193A
Patent No. 6617122
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Pirstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
FILE OF INVENTION: CHOLESTEROL LEVELS
FILE REFERENCE: 50110/002005
CURRENT APPLICATION NUMBER: US/09/526.193A
CURRENT FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 287
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 141
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
S-09-526-193A-141

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1514 TGGACCTCTCCAGCTCTG 1531
|||||
b 3 TGCACCTCTCTCTCTCTG 20

RESULT 821

IS-10-027-983-67/c
Sequence 67, Application US/10027983
Patent No. 6617162
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
CURRENT APPLICATION NUMBER: US/10/027.983
CURRENT FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 67
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
S-10-027-983-67

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1137 CCTGGAGAGATCAACA 1154
|||||
b 18 CCTGGACAGATCAGACA 1

RESULT 822

US-08-954-740-28
Sequence 28, Application US/08954740
Patent No. 6630148
GENERAL INFORMATION:
APPLICANT: Ingham, Phillip W.
APPLICANT: McMahon, Andrew P.
APPLICANT: Tabin, Clifford J.
TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/954,740
FILING DATE: 20-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/462,386
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/435,093
FILING DATE: 04-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/356,060
FILING DATE: 14-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/176,427
FILING DATE: 30-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: HMV-006.08
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-954-740-28

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1436 AAGTCACCGAGAGGAGA 1453
|||||
Db 1 AAGTCAGCCCGAGAGAGA 18

RESULT 823

US-08-974-391-3
Sequence 3, Application US/08974391
Patent No. 6638762
GENERAL INFORMATION:
APPLICANT: Chang, Yung-Nien
APPLICANT: Hallenbeck, Paul L.
APPLICANT: Hay, Carl M.
APPLICANT: Stewart, David A.
TITLE OF INVENTION: Vector for Tissue-Specific Replication and Gene
EXPRESSION

```
; FILE REFERENCE: 1136.0040000
; CURRENT APPLICATION NUMBER: US/08/974,391
; PRIOR FILING DATE: 1997-11-19
; PRIOR APPLICATION NUMBER: US 08/849,117
; PRIOR FILING DATE: 1995-11-28
; PRIOR APPLICATION NUMBER: US 08/487,992
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/348,258
; PRIOR FILING DATE: 1994-11-28
; PRIOR APPLICATION NUMBER: PCT/EP98/07380
; PRIOR FILING DATE: 1995-11-28
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-974-391-3

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1430 AGAAGAAGTCCACGAAG 1447
Db 1 AGCAGAGCCACGGAAG 18

RESULT 824
US-09-908-500A-3/c
; Sequence 3, Application US/09908500A
; Patent No. 6642002
; GENERAL INFORMATION:
; APPLICANT: James Loyd
; APPLICANT: Kirk B. Lane
; APPLICANT: John A. Phillips, III
; TITLE OF INVENTION: METHOD OF DIAGNOSING PULMONARY
; TITLE OF INVENTION: HYPERTENSION
; FILE REFERENCE: 22000.010803
; CURRENT APPLICATION NUMBER: US/09/908,500A
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 60/218,740
; PRIOR FILING DATE: 2000-07-17
; PRIOR APPLICATION NUMBER: 60/220,133
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6642002e =
US-09-908-500A-3

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 244 GCTGAGAGATGACCAAG 261
Db 20 GCTGATGAGAGACCTAG 3

RESULT 825
US-09-860-473-75/c
; Sequence 75, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
```

```
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-75

Query Match          0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 ATGGCGCAGACGACGGGC 81
Db 18 AAGCCGACACTCAGGSC 1

RESULT 826
US-09-736-476-28
; Sequence 28, Application US/09736476
; Patent No. 6664075
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; APPLICANT: Bumcrot, David A.
; APPLICANT: Marti-Gorostiza, Elisa
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; TITLE OF INVENTION: Proteins and Uses Related Thereto
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII(text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/736,476
; FILING DATE: 13-Dec-2000
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/435,093
; FILING DATE: 4-MAY-1995
; APPLICATION NUMBER: US 08/356,060
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: US 08/176,427
; FILING DATE: 30-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMI-006CP4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
```

SEQUENCE DESCRIPTION: SEQ ID NO: 28:
JS-09-736-476-28

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1436 AAGTCACCGAAGAGGAGA 1453
||||| |
b 1 AAGTCAGCCAGAGGAGA 18

RESULT 827

JS-09-980-052-55/c
Sequence 55, Application US/09980052
Patent No. 6670130

GENERAL INFORMATION:

APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
APPLICANT: KIM, Cheol Min
TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
FILE REFERENCE: PP05020/PCT
CURRENT FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: US/09/980,052
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-2000-0018189
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 243
SOFTWARE: Kopatentin 1.71
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium vaccae
JS-09-980-052-55

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 140 AAGGCCACCCCAATGAAGC 157
||||| |
b 19 AAGGCCATCCCAACGAATC 2

RESULT 828

JS-09-495-714C-19
Sequence 19, Application US/09495714C
Patent No. 6670465

GENERAL INFORMATION:

APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 138
SOFTWARE: PatentIn version 3.1
SEQ ID NO 19
LENGTH: 20
TYPE: DNA
ORGANISM: Mus musculus
JS-09-495-714C-19

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1729 TGAACCATAAAGGCTGCC 1746
||||| |
Db 3 TGAACCATACCGAGTGCC 20

RESULT 829

US-09-495-714C-91/c
Sequence 91, Application US/09495714C
Patent No. 6670465

GENERAL INFORMATION:

APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 138
SOFTWARE: PatentIn version 3.1
SEQ ID NO 91
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-495-714C-91

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 GAGACAGCTGTGGCCCTG 1023
||||| |
Db 19 GATACAGTTCTGGCCCTG 2

RESULT 830

US-09-920-923B-39
Sequence 39, Application US/09920923B
Patent No. 6677134

GENERAL INFORMATION:

APPLICANT: Tszyankov, Yuri
TITLE OF INVENTION: Fermentative Carotenoid Production
FILE REFERENCE: 15464 US (C38435/125944)
CURRENT APPLICATION NUMBER: US/09/920,923B
CURRENT FILING DATE: 2001-08-02
PRIOR APPLICATION NUMBER: 08/980,832
PRIOR FILING DATE: 1997-12-01
NUMBER OF SEQ ID NOS: 66
SOFTWARE: PatentIn version 3.1
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Primer #8
US-09-920-923B-39

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1647 CAAGCCCCCGAGCTCAGG 1664
||||| |
Db 1 CAAGCCCCAGATCGCAGG 18

RESULT 831

US-10-022-819-23/c
Sequence 23, Application US/10022819
Patent No. 6686163
GENERAL INFORMATION:

APPLICANT: ALLEN, Antonette C. P.
OLSEN, Sheri J.
LAWRENCE, Tammy
ANGELLY, Tracy S.
RABIN, Mark B.
TITLE OF INVENTION: CODING SEQUENCE HAPLOTYPE OF THE HUMAN
BRCA1 GENE
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morgan Lewis & Bockius LLP
STREET: 1111 Pennsylvania Avenue
CITY: Washington DC
STATE: District of Columbia
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/022,819
FILING DATE: 22-Apr-2002
CLASSIFICATION: <Unknown>
APPLICATION NUMBER: 09/074,452
FILING DATE: 1998-05-06
ATTORNEY/AGENT INFORMATION:
NAME: <Unknown>
REGISTRATION NUMBER: <Unknown>
REFERENCE/DOCKET NUMBER: 044921-5049-01-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-739-3000
TELEFAX: 202-739-3001
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PRIMER"
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-022-819-23

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 846 TGCTCAGACTCCCTATC 863
DB 19 TGATTCAGACTCCCATC 2

RESULT 832
PCT-US94-02891-11
Sequence 11, Application PC/TUS9402891
GENERAL INFORMATION:
APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
APPLICANT: SERVICES
APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: XSCID
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
CITY: NEW YORK

STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/02891
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/031,143
FILING DATE: 12-MAR-1993
APPLICATION NUMBER: 08/121,435
FILING DATE: 14-SEPT-1993
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM S. FEILER
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4061
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
TELEFAX: 212-751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: UNKNOWN
MOLECULE TYPE: OLIGONUCLEOTIDE
DESCRIPTION: NO
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: HUMAN
INDIVIDUAL ISOLATE: IL-2R
PCT-US94-02891-11

Query Match 0.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1076 GACCAGATTTCAGCTCC 1093
DB 1 GACCTAATATCAAGCTCC 18

RESULT 833
PCT-US94-08111-12/c
Sequence 12, Application PC/TUS9408111
GENERAL INFORMATION:
APPLICANT: Chen, Howard
APPLICANT: Hofmann, Kathryn J
APPLICANT: Shaw, Alan R
APPLICANT: Trumbauer, Myrna E
APPLICANT: Van der Ploeg, Leonardus
APPLICANT: Zheng, Hui
TITLE OF INVENTION: Expression of Human Interleukin-1B in a
TITLE OF INVENTION: Transgenic Animal
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Christine E. Carty
STREET: P.O. Box 2000, 126 E. Lincoln Avenue
CITY: Rahway
STATE: NJ
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US94/08111

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Carty, Christine E

REGISTRATION NUMBER: 36,099

REFERENCE/DOCKET NUMBER: 19037

TELECOMMUNICATION INFORMATION:

TELEPHONE: (908)594-6734

TELEFAX: (908)594-4720

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

PCT-US94-08111-12

Query Match 0.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

xy 1331 CTGAAGAGGAGGAGG 1348

yb 19 CCGAGAGGAGGAGTGG 2

RESULT 834

US-08-411-020-7

Sequence 7, Application US/08411020

Patent No. 5712094

GENERAL INFORMATION:

APPLICANT: SEIDEL, H. MARTI

APPLICANT: LAMB, I. PETER

APPLICANT: CHAN, SHIN-SHAY TIAN

TITLE OF INVENTION: METHODS AND ASSOCIATED REAGENTS FOR

TITLE OF INVENTION: DETECTING MODULATORS OF CYTOKINE ACTION

NUMBER OF SEQUENCES: 59

CORRESPONDENCE ADDRESS:

ADDRESSEE: Ligand Pharmaceuticals Incorporated

STREET: 9393 Towne Centre Drive

CITY: San Diego

STATE: California

COUNTRY: US

ZIP: 92121

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/411,020

FILING DATE: 27-MAR-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Jurgensen, Thomas E.

REGISTRATION NUMBER: 34,195

REFERENCE/DOCKET NUMBER: 016-0030.US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 550-7675

TELEFAX: (619) 535-3906

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "OTHER NUCLEIC ACID,

DESCRIPTION: SYNTHETIC DNA"

US-08-411-020-7

Query Match 0.6%; Score 13; DB 1; Length 14;

Best Local Similarity 100.0%; Pred. No. 2.9e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 674 ACTTCCCGAGGAC 686

Db 1 ACTTCCCGAGGAC 13

RESULT 835

US-08-410-779B-160

Sequence 160, Application US/08410779B

Patent No. 5814517

GENERAL INFORMATION:

APPLICANT: SEIDEL, H. MARTI

APPLICANT: LAMB, I. PETER

TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS

TITLE OF INVENTION: RESPONSIVE TO CYTOKINES AND METHODS FOR THEIR USE

NUMBER OF SEQUENCES: 166

CORRESPONDENCE ADDRESS:

ADDRESSEE: LIGAND PHARMACEUTICALS INCORPORATED

STREET: 9393 TOWNE CENTRE DRIVE

CITY: SAN DIEGO

STATE: CALIFORNIA

COUNTRY: US

ZIP: 92121

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/410,779B

FILING DATE: 27-MAR-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/228,935

FILING DATE: 14-APR-1994

ATTORNEY/AGENT INFORMATION:

NAME: JURGENSEN, THOMAS E

REGISTRATION NUMBER: 34,195

REFERENCE/DOCKET NUMBER: 016-0013A.US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 535-3906

TELEFAX: (619) 550-7675

INFORMATION FOR SEQ ID NO: 160:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "OTHER NUCLEIC ACID,

DESCRIPTION: SYNTHETIC DNA"

US-08-410-779B-160

Query Match

Best Local Similarity 100.0%; Score 13; DB 1; Length 14;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 674 ACTTCCCGAGGAC 686

Db 1 ACTTCCCGAGGAC 13

RESULT 836

US-08-410-779B-161/c

Sequence 161, Application US/08410779B

Patent No. 5814517

GENERAL INFORMATION:

APPLICANT: SEIDEL, H. MARTI

```
; APPLICANT: LAMB, I. PETER
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS
; TITLE OF INVENTION: RESPONSIVE TO CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 166
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LIGAND PHARMACEUTICALS INCORPORATED
; STREET: 9393 TOWNE CENTRE DRIVE
; CITY: SAN DIEGO
; STATE: CALIFORNIA
; COUNTRY: US
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,779B
; FILING DATE: 27-MAR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935
; FILING DATE: 14-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: JURGENSEN, THOMAS E
; REGISTRATION NUMBER: 34,195
; REFERENCE/DOCKET NUMBER: 016-0013A.US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 550-7675
; TELEFAX: (619) 535-3906
; INFORMATION FOR SEQ ID NO: 161:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; SYNTHETIC DNA"
; US-08-410-779B-161

Query Match 0.6%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 674 ACTTCCAGGAAC 686
Db 14 ACTTCCAGGAAC 2

RESULT 837
PCT-US95-04477-160
; Sequence 160, Application PC/TUS9504477
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RESPONSIVE TO
; TITLE OF INVENTION: CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 165
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04477
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935
; FILING DATE: 14-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: JURGENSEN, THOMAS E
; REGISTRATION NUMBER: 34,195
; REFERENCE/DOCKET NUMBER: 016-0013A.US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 550-7675
; TELEFAX: (619) 535-3906
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; SYNTHETIC DNA"
; US-08-410-779B-161

Query Match 0.6%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 674 ACTTCCAGGAAC 686
Db 14 ACTTCCAGGAAC 2

RESULT 837
PCT-US95-04477-160
; Sequence 160, Application PC/TUS9504477
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RESPONSIVE TO
; TITLE OF INVENTION: CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 165
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04477
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935
; FILING DATE: 14-APR-1994
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
```

```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; SYNTHETIC DNA"
; PCT-US95-04477-160

Query Match 0.6%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 674 ACTTCCAGGAAC 686
Db 1 ACTTCCAGGAAC 13

RESULT 838
PCT-US95-04477-161/c
; Sequence 161, Application PC/TUS9504477
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RESPONSIVE TO
; TITLE OF INVENTION: CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 165
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04477
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935
; FILING DATE: 14-APR-1994
; INFORMATION FOR SEQ ID NO: 161:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; SYNTHETIC DNA"
; PCT-US95-04477-161

Query Match 0.6%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 674 ACTTCCAGGAAC 686
Db 14 ACTTCCAGGAAC 2

RESULT 839
US-08-363-240A-225
; Sequence 225, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
```

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 225:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-225

Query Match 0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 61.5%; Pred. No. 3.4e+02;
Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1530 TGGCTTCTGCTG 1542
:||||:||||:
b 3 UGGCUUCGUCUG 15

RESULT 840
US-08-363-240A-226
Sequence 226, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A

FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 226:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-226

Query Match 0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 61.5%; Pred. No. 3.4e+02;
Matches 8; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1530 TGGCTTCTGCTG 1542
:||||:||||:
Db 2 UGGCUUCGUCUG 14

RESULT 841
US-08-585-684B-662
Sequence 662, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 662:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid

```

; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-662

Query Match      0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 53.8%; Pred. No. 3.4e+02;
Matches 7; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 2053 ATTTTGTGAGCC 2065
   |:|:|:|:|:|:|
DB 3 AUUUUGUGAGCC 15

RESULT 842
US-08-585-684B-663
; Sequence 663, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 663:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-663

Query Match      0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 53.8%; Pred. No. 3.4e+02;
Matches 7; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 2053 ATTTTGTGAGCC 2065
   |:|:|:|:|:|:|
DB 3 AUUUUGUGAGCC 15

RESULT 843
US-08-952-597-2
; Sequence 2, Application US/08952597
; Patent No. 5892023
; GENERAL INFORMATION:
; APPLICANT: PIROTZKY, EDUARDO; COLOTE, SOUDHIR
; TITLE OF INVENTION: ANTI SENSE
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR BLOCKING IGE RECEPTOR
; TITLE OF INVENTION: SYNTHESIS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN, MUSERLIAN AND LUCAS,
; ADDRESSEE: L.L.P.
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA

Query Match      0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 806 TAATGGAGATGTT 818
   |:|:|:|:|:|:|
DB 1 TAATGGAGATGTT 13

RESULT 844
US-08-952-597-5
; Sequence 5, Application US/08952597
; Patent No. 5892023
; GENERAL INFORMATION:
; APPLICANT: PIROTZKY, EDUARDO; COLOTE, SOUDHIR
; TITLE OF INVENTION: ANTI SENSE
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR BLOCKING IGE RECEPTOR
; TITLE OF INVENTION: SYNTHESIS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN, MUSERLIAN AND LUCAS,
; ADDRESSEE: L.L.P.
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
```

ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
SOFTWARE: #1.30 (OEB)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/952,597
FILING DATE: 21-NOV-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR96/00785
FILING DATE: 24-MAY-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9510718.1
FILING DATE: 26-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 427,009
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 5:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: YES
IS-08-952-597-5

Query Match 0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 806 TAATGGAGATGTT 818
|||||
b 1 TAATGGAGATGTT 13

RESULT 845
US-09-038-073-662
Sequence 662, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684

FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 662:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-662
Query Match 0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 53.8%; Pred. No. 3.4e+02;
Matches 7; Conservative 6; Mismatches 0; Indels 0; Gaps 0;
Qy 2053 ATTTTGTGAGCC 2065
|:|:|:|:|:|:|
Db 3 AUUUUGUGAGCC 15
RESULT 846
US-09-038-073-663
Sequence 663, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 663:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-663

```
Query Match          0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 53.8%; Pred. No. 3.4e+02; Indels 0; Gaps 0;
Matches 7; Conservative 6; Mismatches 0;

QY 2053 ATTTTGTGAGCC 2065
Db 3 AUUUUGUGGCC 15

RESULT 847
US-09-081-646-373
; Sequence 373, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 373
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-373

Query Match          0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

QY 466 TGGGCTGGGGGCC 478
Db 3 TGGGCTGGGGGCC 15

RESULT 848
US-08-486-421-27
; Sequence 27, Application US/08486421
; Patent No. 5672479
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,421
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,911
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.

Query Match          0.6%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.9e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

QY 1336 GAGGAGGAGGAGG 1348
Db 2 GAGGAGGAGGAGG 14

RESULT 849
US-08-470-911-27
; Sequence 27, Application US/08470911
; Patent No. 5756684
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,911
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-470-911-27

Query Match          0.6%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.9e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;

QY 1336 GAGGAGGAGGAGG 1348
Db 2 GAGGAGGAGGAGG 14
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RESULT 850
IS-08-486-809-27
Sequence 27, Application US/08486809
Patent No. 5869622
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergmann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,809
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
IS-08-486-809-27
Query Match 0.6%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1336 GAGGAGGAGAGG 1348
|||||
b 2 GAGGAGGAGAGG 14
RESULT 851
IS-08-173-489C-2/c
Sequence 2, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C.-G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: Nucleic Acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from c-myc
HYPOTHETICAL: Yes
ANTI-SENSE: No
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 2 :FROM 1 TO 17
US-08-173-489C-2
Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1422 AGAGGAGAGAAA 1434
|||||
Db 13 AGAGGAGAGAAA 1
RESULT 852
US-08-733-816-2
Sequence 2, Application US/08733816
Patent No. 5922536
GENERAL INFORMATION:
APPLICANT: Nivens, David E.
APPLICANT: Applegate, Bruce M.
TITLE OF INVENTION: APPARATUS AND METHOD FOR NUCLEIC
TITLE OF INVENTION: ACID ISOLATION USING SUPERCRITICAL FLUIDS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/733,816
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:


```
/ NAME: Altman, Daniel E
/ REGISTRATION NUMBER: 34,115
/ REFERENCE/DOCKET NUMBER: NATWTR.005A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 714/760-0404
/ TELEFAX: 714/760-9503
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
JS-08-733-816-2

Query Match      0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      808 ATGGAGATGTTCCAGCC 824
Db      1 AAGGAGGTGWTCCARCC 17

RESULT 853
US-08-892-540-2
; Sequence 2, Application US/08892540
; Patent No. 6110674
; GENERAL INFORMATION:
; APPLICANT: Nivens, David E.
; APPLICANT: Applegate, Bruce M.
; TITLE OF INVENTION: APPARATUS AND METHOD FOR NUCLEIC
; TITLE OF INVENTION: ACID ISOLATION USING SUPERCRITICAL FLUIDS
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive, Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/892,540
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/733,816
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: NATWTR.005A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714/760-0404
; TELEFAX: 714/760-9503
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
JS-08-892-540-2

Query Match      0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      808 ATGGAGATGTTCCAGCC 824
Db      1 AAGGAGGTGWTCCARCC 17

RESULT 854
US-08-953-171-40
; Sequence 40, Application US/08953171
; Patent No. 6124094
; GENERAL INFORMATION:
; APPLICANT: LAJOIE, CURTIS
; APPLICANT: LAYTON, ALICE
; APPLICANT: KELLY, CHRISTINE
; APPLICANT: SAYLER, GARY
; APPLICANT: STAPLETON, RAYMOND
; TITLE OF INVENTION: ZOOGLOEAL AND HYPHOMICROBIUM
; TITLE OF INVENTION: SPP. NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: 127 Peachtree Street, N.E., Suite 1200
; CITY: Atlanta
; STATE: GA
; COUNTRY: USA
; ZIP: 30303-1811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/953,171
; FILING DATE: 17-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Spratt, Gwendolyn DD
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 05015.018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404 688 0770
; TELEFAX: 404 688 9880
; TELEX:
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE: W = A/T; R = A/G
US-08-953-171-40

Query Match      0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 4.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      808 ATGGAGATGTTCCAGCC 824
Db      1 AAGGAGGTGWTCCARCC 17

RESULT 855
US-08-584-040-5944
; Sequence 5944, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
```

APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5944:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-5944

Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 4.5e+02;
Matches 4; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

2047 ATTTCATTTTG 2059

|||||:|||||
5 AUUUUCAUUUUUG 17

RESULT 856

US-08-584-040-5945

Sequence 5945, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TREATMENT OF DISEASES OR

CONDITIONS RELATED TO LEVELS

OF VASCULAR ENDOTHELIAL

GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5945:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-5945

Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 4.5e+02;
Matches 4; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

2047 ATTTCATTTTG 2059

|||||:|||||

4 AUUUUCAUUUUUG 16

RESULT 857

US-08-584-040-5946

Sequence 5946, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TREATMENT OF DISEASES OR

CONDITIONS RELATED TO LEVELS

OF VASCULAR ENDOTHELIAL

GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5946:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5946

Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 4.5e+02;
Matches 4; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 2047 ATTTCATTTTG 2059
|:|:|:|:|:|:|
Db 1 AUUUUCAUUUUG 13

RESULT 858
US-09-371-772B-2781
Sequence 2781, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2781
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-2781

Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 4.5e+02;
Matches 4; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 2047 ATTTCATTTTG 2059
|:|:|:|:|:|:|
Db 5 AUUUUCAUUUUG 17

RESULT 859
US-09-371-772B-2782
Sequence 2782, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2782
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-2782

Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 4.5e+02;
Matches 4; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 2047 ATTTCATTTTG 2059
|:|:|:|:|:|:|
Db 4 AUUUUCAUUUUG 16

RESULT 860
US-09-371-772B-2783
Sequence 2783, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2783
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-2783

Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 4.5e+02;
Matches 4; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 2047 ATTTCATTTTG 2059
|:|:|:|:|:|:|
Db 1 AUUUUCAUUUUG 13

RESULT 861
US-08-152-313-70/c
Sequence 70, Application US/08152313
Patent No. 5561041
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
TITLE OF INVENTION: ANALYSIS OF SPUTUM
NUMBER OF SEQUENCES: 128

CORRESPONDENCE ADDRESS:

ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,313
FILING DATE: 12-NOV-1993
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Wetherell, Jr., Ph.D., John R.,
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-2912
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 70:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:

NAME/KEY: CDS

LOCATION: 1..18

S-08-152-313-70

Query Match 0.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 5.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 835 GTCTTACAGTGTG 847

Db 14 GTCTTACAGTGTG 2

RESULT 862

S-08-579-223-70/c
Sequence 70, Application US/08579223
Patent No. 5726019

GENERAL INFORMATION:

APPLICANT: Sidransky, David
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
ANALYSIS OF SPUTUM
NUMBER OF SEQUENCES: 128

CORRESPONDENCE ADDRESS:

ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/579,223
FILING DATE: 28-DEC-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:

NAME: Wetherell, Jr., Ph.D., John R.,
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-2912
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 70:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
US-08-579-223-70

Query Match 0.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 5.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 GTCTTACAGTGTG 847

Db 14 GTCTTACAGTGTG 2

RESULT 863

US-09-422-978-4796/c
Sequence 4796, Application US/09422978
Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilva
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 4796

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..18

OTHER INFORMATION: upstream amplification primer 99-17833 for SEQ 862,
US-09-422-978-4796

Query Match 0.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 5.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1992 CTCTCTCTAATTC 2004

Db 15 CTCTCTCTAATTC 3

RESULT 864

US-08-780-562-36/c
Sequence 36, Application US/08780562
Patent No. 6541604

GENERAL INFORMATION:

APPLICANT: Matthews, William
APPLICANT: Bennett, Brian
TITLE OF INVENTION: WSX RECEPTOR

```

;
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/780,562
; FILING DATE:
;
; CLASSIFICATION: 435
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/97
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/
; FILING DATE: 01/08/97
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
;
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
;
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
;
; US-08-780-562-36
;
; Query Match 0.6%; Score 13; DB 1; Length 18;
; Best Local Similarity 100.0%; Pred. No. 5.2e+02;
; Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1003 TATGACACGCTG 1015
; Db |||||
;
; RESULT 865
; US-08-780-562-37
; Sequence 37, Application US/08/780562
; Patent No. 6541604
;
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; APPLICANT: Bennett, Brian
; TITLE OF INVENTION: WSX RECEPTOR
;
; NUMBER OF SEQUENCES: 45
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/780,562
; FILING DATE:
;
; CLASSIFICATION: 435

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;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/97
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/
; FILING DATE: 01/08/97
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
;
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
;
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
;
; US-08-780-562-37
;
; Query Match 0.6%; Score 13; DB 1; Length 18;
; Best Local Similarity 100.0%; Pred. No. 5.2e+02;
; Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1003 TATGACACGCTG 1015
; Db |||||
;
; RESULT 866
; PCT-US94-12947A-70/c
; Sequence 70, Application PC/TUS9412947A
;
; GENERAL INFORMATION:
; APPLICANT: The Johns Hopkins University School of Medicine
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
;
; NUMBER OF SEQUENCES: 128
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/12947A
; FILING DATE: 10-NOV-1994
;
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-36,347
; REFERENCE/DOCKET NUMBER: FD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
;
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
;
; PCT-US94-12947A-70

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Query Match 0.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 835 GTCTTACAGTGTG 847
b 14 GTCTTACAGTGTG 2

RESULT 867

US-09-242-435-29
Sequence 29, Application US/09242435
Patent No. 6461863

GENERAL INFORMATION:

APPLICANT: JARVIS, DONALD L.
TITLE OF INVENTION: MODIFYING INSECT CELL GLYCOSYLATION PATHWAYS WITH
TITLE OF INVENTION: BACULOVIRUS EXPRESSION VECTORS
FILE REFERENCE: UW0:002US
CURRENT APPLICATION NUMBER: US/09/242.435
CURRENT FILING DATE: 1999-02-16
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 29

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: Primer

S-09-242-435-29

Query Match 0.6%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 593 TTCACCATGGTGA 605
b 1 TTCACCATGGTGA 13

RESULT 868

US-09-422-978-5976/c
Sequence 5976, Application US/09422978
Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422.978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298.850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109.732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082.614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 5976

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: upstream amplification primer 99-8173 for SEQ 2042,
US-09-422-978-5976

Query Match 0.6%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1384 AAGAGAGTCAAAA 1396
Db 15 AAGAGAGTCAAAA 3

RESULT 869

US-09-422-978-7292
Sequence 7292, Application US/09422978
Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422.978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298.850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109.732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082.614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 7292

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: upstream amplification primer 99-3479 for SEQ 3358,
US-09-422-978-7292

Query Match 0.6%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 209 GAAAAATGGAAAT 221
Db 2 GAAAAATGGAAAT 14

RESULT 870

US-09-422-978-7382
Sequence 7382, Application US/09422978
Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422.978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298.850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109.732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082.614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 7382

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: upstream amplification primer 99-4182 for SEQ 3448,
US-09-422-978-7382

```
Query Match          0.6%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1376 AAAAGCCCAAG 1388
DB 2 AAAAGCCCAAG 14

RESULT 871
US-08-179-738-22
; Sequence 22, Application US/08179738
; Patent No. 5578462
; GENERAL INFORMATION:
; APPLICANT: Seizinger, Bernd R.
; APPLICANT: Kley, Nikolai A.
; APPLICANT: Bianchi, Albert B.
; TITLE OF INVENTION: No. 5578462el NF2 Isoforms
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/179,738
; FILING DATE: 10-JAN-1994
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Robins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5998-0017
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-179-738-22

Query Match          0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1855 GGGTGGCTGGTC 1867
DB 1 GGGTGGCTGGTC 13

RESULT 872
US-08-648-298-5
; Sequence 5, Application US/08648298
; Patent No. 5871990
; GENERAL INFORMATION:
; APPLICANT: Henrik Clausen
; APPLICANT: Eric Paul Bennett
; TITLE OF INVENTION: UDP-N-acetyl-alpha-D-galactosamine:polypeptide
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby PC
; STREET: 805 Third Avenue
```

```
; CITY: New York
; STATE: NY
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/648,298
; FILING DATE: 15-JUN-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Green, Reza
; REGISTRATION NUMBER: 38,475
; REFERENCE/DOCKET NUMBER: 4035/0B865
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212527700
; TELEFAX: 2127536237
; TELEX: 236687
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna to mRNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; IMMEDIATE SOURCE:
; CLONE: EBHC100 primer
US-08-648-298-5

Query Match          0.8%; Score 13; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 6.5e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1447 GAGGAGAAACCAAG 1461
DB 5 GAGGAGAAACCTAG 19

RESULT 873
US-08-628-145-22
; Sequence 22, Application US/08628145
; Patent No. 5872214
; GENERAL INFORMATION:
; APPLICANT: Seizinger, Bernd R.
; APPLICANT: Kley, Nikolai A.
; APPLICANT: Bianchi, Albert B.
; TITLE OF INVENTION: No. 5872214el NF2 Isoforms
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/628,145
; FILING DATE: 04-APR-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/179,738
; FILING DATE: 10-JAN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Robins, Roberta L.
```

REGISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 5998-0017
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 617-8999
TELEFAX: (415) 327-3231
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-628-145-22

Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1855 GGGTGGCTGGGTC 1867
|||||
1 GGGTGGCTGGGTC 13

RESULT 874

US-08-837-201C-129
Sequence 129, Application US/08837201C
Patent No. 5985558
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia, Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation of
TITLE OF INVENTION: Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201C
FILING DATE: April 14, 1997
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 129:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-08-837-201C-129
Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1619 AAATATAAATATC 1631
|||||
Db 1 AAATATAAATATC 13

RESULT 875

US-08-837-201C-137
Sequence 137, Application US/08837201C
Patent No. 5985558
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia, Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation of
TITLE OF INVENTION: Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201C
FILING DATE: April 14, 1997
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 137:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-08-837-201C-137
Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1619 AAATATAAATATC 1631
|||||
Db 1 AAATATAAATATC 13

RESULT 876

US-07-861-458C-84
Sequence 84, Application US/07861458C
Patent No. 6232061
GENERAL INFORMATION:
APPLICANT: Marchionni, Mark Andrew
APPLICANT: Johnson, Carl D.
TITLE OF INVENTION: HOMOLOGY CLONING
NUMBER OF SEQUENCES: 142
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston


```
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 50Z or 55SX
; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/861,458C
; FILING DATE: 04/01/92
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 04585/014001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 84:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-861-458C-84

Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 1719 TTCTTACTTTTGACCATAA 1738
Db 1 TGYTYACNTTYAAYCAYAA 20

RESULT 877
US-09-364-416-129
; Sequence 129, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201
; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 137:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-364-416-137

Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1619 AAATATAAATATC 1631
Db 1 AAATATAAATATC 13

RESULT 878
US-09-364-416-137
; Sequence 137, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201
; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 137:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-364-416-137

Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1619 AAATATAAATATC 1631
```


; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-533-494A-19

Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1531 GGCTTCCTGCTGA 1543
Db 4 GGCTTCCTGCTGA 16

RESULT 884

US-09-081-385-33/c
; Sequence 33, Application US/09081385
; Patent No. 6593456
; GENERAL INFORMATION:

; APPLICANT: Gatanaga, T.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/081,385
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141

; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-081-385-33

Query Match 0.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1005 TGAGACAGCTGTG 1017
Db 13 TGAGACAGCTGTG 1

RESULT 885

US-08-856-141-22
; Sequence 22, Application US/08856141
; Patent No. 5948616
; GENERAL INFORMATION:

; APPLICANT: CHAO, JULIE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF
; TITLE OF INVENTION: CORRELATING TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WIT
; TITLE OF INVENTION: ESSENTIAL HYPERTENSION
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street, NE
; CITY: Atlanta
; STATE: GA
; COUNTRY: USA
; ZIP: 30303

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/856,141
; FILING DATE: 14-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Miller, Mary L
; REGISTRATION NUMBER: 39,303
; REFERENCE/DOCKET NUMBER: 19070.0045
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; TELEX:

; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-856-141-22

Query Match 0.6%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1338 GGAGGGAGGGGGGC 1353
Db 1 GGAGGGGGGGGGGC 16

RESULT 886

US-09-094-714A-52
; Sequence 52, Application US/09094714A
; Patent No. 6117847
; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett, Nicholas M. Dean
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF
; TITLE OF INVENTION: PROTEIN KINASE C EXPRESSION
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/094,714A
FILING DATE: June 15, 1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/601,269
FILING DATE: 14-FEB-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/478,178
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/852,852
FILING DATE: 16-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-2943
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-094-714A-52

Query Match 0.6%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1409 AAGAGAAAGACCCAGA 1424
DB 1 AAGAGAGAGACCCCTGA 16

RESULT 887
US-09-495-140-22
Sequence 22, Application US/09495140
Patent No. 6376182
GENERAL INFORMATION:
APPLICANT: CHAO, LEE
APPLICANT: CHAO, JULIE
APPLICANT: SONG, QING
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CORRELATING
TITLE OF INVENTION: TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH TREATMENT
TITLE OF INVENTION: OF ESSENTIAL HYPERTENSION
FILE REFERENCE: 19113.0081
CURRENT APPLICATION NUMBER: US/09/495,140
CURRENT FILING DATE: 2000-01-31
EARLIER APPLICATION NUMBER: 09/389,566
EARLIER FILING DATE: 1999-09-03
EARLIER APPLICATION NUMBER: 08/856,141
EARLIER FILING DATE: 1997-05-14
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 22
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:/No. 6376182e =
OTHER INFORMATION: synthetic construct
US-09-495-140-22

Query Match 0.6%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 4.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1338 GGAGGGAGAGGGGGC 1353
DB 1 GGAGGGGGGGGGGGC 16

RESULT 888
US-09-507-345A-11
Sequence 11, Application US/09507345A
Patent No. 6426408
GENERAL INFORMATION:
APPLICANT: Kutyavin, Igor V.
Lukhtanov, Eugeny A.
Gamber, Howard B.
Meyer Jr., Rich B.
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
Groove Binder Conjugates
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/09/507,345A
FILING DATE: 18-FEB-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/415,370
FILING DATE: 03-APR-1995
APPLICATION NUMBER: US 09/141,764
FILING DATE: 27-AUG-1998
ATTORNEY/AGENT INFORMATION:
NAME: Kezer, William B.
REGISTRATION NUMBER: 37,369
REFERENCE/DOCKET NUMBER: 17682A-003500US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-507-345A-11

Query Match 0.6%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1137 CCTGGAGAGATCAAA 1152
DB 1 CCAGCAGAGATCAAA 16

RESULT 889
US-09-506-286B-35
Sequence 35, Application US/09506286B
Patent No. 6482414
GENERAL INFORMATION:
APPLICANT: Dowling, Patricia W.
APPLICANT: Youngner, Julius S.

APPLICANT: The University of Pittsburgh, of the Commonwealth
TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
FILE REFERENCE: EQ-1-C2
CURRENT APPLICATION NUMBER: US/09/506,286B
CURRENT FILING DATE: 2000-02-16
PRIOR APPLICATION NUMBER: 09/133,921
PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: PCT/US99/18583
PRIOR FILING DATE: 1999-08-12
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 35
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Primer
US-09-506-286B-35

Query Match 0.6%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 509 GCTTCGTGTACGTCAA 524
||| ||||| |||||
DB 1 GCATCTGTTAAGTCAA 16

RESULT 890
US-09-739-928-11
Sequence 11, Application US/09739928
Patent No. 6486308
GENERAL INFORMATION:
APPLICANT: Kutyavin, Igor V.
Lukhtanov, Eugeny A.
Gamber, Howard B.
Meyer Jr., Rich B.
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
Groove Binder Conjugates

NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/739,928
FILING DATE: 11-May-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/415,370
FILING DATE: 03-APR-1995
APPLICATION NUMBER: US 09/141,764
FILING DATE: 27-AUG-1998
APPLICATION NUMBER: US 09/507,345
FILING DATE: 18-FEB-2000
ATTORNEY/AGENT INFORMATION:
NAME: Kezer, William B.
REGISTRATION NUMBER: 37,369
REFERENCE/DOCKET NUMBER: 17682A-003510US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-739-928-11

Query Match 0.6%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1137 CCTCGAGAGATCAAA 1152
||| ||||| |||||
DB 1 CCAGCAGAGATCAAA 16

RESULT 891
US-09-371-772B-5988
Sequence 5988, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5988
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5988

Query Match 0.6%; Score 12.8; DB 1; Length 16;
Best Local Similarity 62.5%; Pred. No. 4.4e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 419 CAAGTGCTGTGAAACT 434
||| :||| :||| :
DB 1 CAACUGCUUGAAACU 16

RESULT 892
US-09-762-861B-35
Sequence 35, Application US/09762861B
Patent No. 6579528
GENERAL INFORMATION:
APPLICANT: The University of Pittsburgh - of the Commonwealth System of Higher
APPLICANT: Education
APPLICANT: Dowling, Patricia W.
APPLICANT: Youngner, Julius S.
TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
FILE REFERENCE: EQ-1-CL-EUS (formerly HKZ-033CPUS)
CURRENT APPLICATION NUMBER: US/09/762,861B
CURRENT FILING DATE: 2001-02-13
PRIOR APPLICATION NUMBER: PCT/US99/18583
PRIOR FILING DATE: 1999-08-12
PRIOR APPLICATION NUMBER: 09/133,921
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 43
SOFTWARE: PatentIn version 3.1
SEQ ID NO 35

;
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-762-861B-35

Query Match 0.6%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 509 GCTTCGTGTACGTCAA 524
||| ||||| |||||
Db 1 GCATCTGTTAAGTCAA 16

RESULT 893
US-09-479-005A-130/c
; Sequence 130, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 130
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-130

Query Match 0.6%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1600 ATTATTATAAAATT 1615
||| ||||| |||||
yb 16 ATTATTATAAAATT 1

RESULT 894
US-10-065-133A-35
Sequence 35, Application US/10065133A
Patent No. 6685946
GENERAL INFORMATION:
APPLICANT: Dowling, Patricia W.
APPLICANT: Youngner, Julius S.
TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
FILE REFERENCE: EQ-1-C2-1
CURRENT APPLICATION NUMBER: US/10/065,133A
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: PCT/US99/18583
PRIOR FILING DATE: 1999-08-12
PRIOR APPLICATION NUMBER: 09/133,921
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 35
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
S-10-065-133A-35

Query Match 0.6%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 509 GCTTCGTGTACGTCAA 524
||| ||||| |||||
Db 1 GCATCTGTTAAGTCAA 16

RESULT 895
US-08-152-313-57/c
; Sequence 57, Application US/08152313
; Patent No. 5561041
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,313
; FILING DATE: 12-NOV-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.,
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
US-08-152-313-57

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 GGCCATCTCGGAACGTG 552
||| ||||| |||||
Db 16 GCCCATCCAGGAACGTG 1

RESULT 896
US-08-146-504-20
; Sequence 20, Application US/08146504
; Patent No. 5605662
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.; and Tu, Eugene
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
; TITLE OF INVENTION: DIAGNOSTICS

```

; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/146,504
; FILING DATE: No. 5605662ember 1, 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-146-504-20
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```

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
Qy 1331 CTGAGAGGAGGAGGAGA 1346
Db 1 CTGAGAGGAGGAGGAGA 16
```

```

RESULT 897
US-08-390-850-529
; Sequence 529, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: IBM compatible
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/146,504
; FILING DATE: No. 5605662ember 1, 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-146-504-20
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```

; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 529:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-390-850-529
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Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 5.1e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 1091 TCCACATCAGTCCTTC 1106
Db 2 UCCAGAUCCUGCCUUC 17
```

```

RESULT 898
US-08-390-850-547
; Sequence 547, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
```

```

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 547:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
08-390-850-547

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

1543 AGTCCCTCAGCTTCT 1558
2 AGUCCCUAGGAUUCU 17

SULT 899
1-08-390-850-568/c
Sequence 568, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustafson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: NO. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 568:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
08-390-850-568
Query Match
Best Local Similarity 56.2%; Pred. No. 5.1e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 547:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
08-390-850-547

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

1543 AGTCCCTCAGCTTCT 1558
2 AGUCCCUAGGAUUCU 17

SULT 899
1-08-390-850-568/c
Sequence 568, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustafson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: NO. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 568:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
08-390-850-568
Query Match
Best Local Similarity 50.0%; Pred. No. 5.1e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 547:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
08-390-850-547

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

1543 AGTCCCTCAGCTTCT 1558
2 AGUCCCUAGGAUUCU 17

SULT 899
1-08-390-850-568/c
Sequence 568, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustafson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 330:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-330

Query Match
Best Local Similarity 50.0%; Pred. No. 5.1e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 547:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-330

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

1543 AGTCCCTCAGCTTCT 1558
2 AGUCCCUAGGAUUCU 17

SULT 899
1-08-390-850-568/c
Sequence 568, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustafson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 330:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-330

Query Match
Best Local Similarity 50.0%; Pred. No. 5.1e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 547:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-330

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

1543 AGTCCCTCAGCTTCT 1558
2 AGUCCCUAGGAUUCU 17

SULT 899
1-08-390-850-568/c
Sequence 568, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustafson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 0
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```
Qy 1882 GTTTTTCAGGCTCC 1897
|::: :|||:|
Db 1 GUTUUGUCAGGCCUCC 16

RESULT 901
US-08-373-124A-828/c
; Sequence 828, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 828:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-828

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1369 AACTTCAAAAAGCCA 1384
|:|:|:|:|:|:|:|:|:|
Db 16 AATTCAAAAACCCA 1

RESULT 902
US-08-373-124A-830/c
; Sequence 830, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 828:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-828

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1369 AACTTCAAAAAGCCA 1384
|:|:|:|:|:|:|:|:|:|
Db 17 AATTCAAAAACCCA 2

RESULT 902
US-08-373-124A-830/c
; Sequence 830, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 830:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-830
```

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/373,124A
 FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1935:

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-373-124A-1935

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1591 TCTCTGCTATTTATA 1606
 DB 17 TCTCTGCTATTTATA 2

RESULT 904

US-08-373-124A-2475
 Sequence 2475, Application US/08373124A
 Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/373,124A
 FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2475:

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-373-124A-2475

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 5.1e+02;
 Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1142 AGAAGATCAACAGCG 1157
 DB 2 AGAAGAUAACAGAGUG 17

RESULT 905

US-08-579-223-57/c
 Sequence 57, Application US/08579223
 Patent No. 5726019

GENERAL INFORMATION:

APPLICANT: Sidransky, David
 TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
 ANALYSIS OF SPUTUM
 NUMBER OF SEQUENCES: 128

CORRESPONDENCE ADDRESS:

ADDRESSEE: Spensley Horn Jubas & Lubitz
 STREET: 1880 Century Park East, Suite 500
 CITY: Los Angeles
 STATE: California
 COUNTRY: USA
 ZIP: 90067

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/579,223
 FILING DATE: 28-DEC-1995
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/152,313
 FILING DATE: 12-NOV-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Wetherell, Jr., Ph.D., John R.,
 REGISTRATION NUMBER: 31,679

```

; REFERENCE/DOCKET NUMBER: PD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
; US-08-579-223-57

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. NO. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 537 GCCATCCTGGAACTG 552
      ||||| |||||
Db 16 GCCATCAGGAACTG 1

RESULT 906
US-08-435-634-529
; Sequence 529, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

```

```

; INFORMATION FOR SEQ ID NO: 529:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-634-529

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. NO. 5.1e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 1091 TCCACATCAGTCCTTC 1106
      ||||| |||||
Db 2 UCCAGAUUGUCCUUC 17

RESULT 907
US-08-435-634-547
; Sequence 547, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 547:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-634-547

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schultz167-3.rni

Thu Sep 16 13:16:23 2004

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 5.1e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

1543 AGTCCCTCAGCTTCT 1558

|||||:||||:|:|:
2 AGUCCCUAGGAUUCU 17

SULT 908

-08-435-634-568/c

Sequence 568, Application US/08435634

Patent No. 5731295

GENERAL INFORMATION:

APPLICANT: Draper, Kenneth G.

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Gustofson, John

APPLICANT: Stinchcomb, Dan T.

TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT

TITLE OF INVENTION: OF ARTHRITIC CONDITIONS

NUMBER OF SEQUENCES: 1151

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,634

FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850

FILING DATE: February 17, 1995

APPLICATION NUMBER: 08/354,920

FILING DATE: December 13, 1994

APPLICATION NUMBER: 08/152,487

FILING DATE: No. 5731295ember 12, 1993

APPLICATION NUMBER: 07/989,848

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 211/084

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 568:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-435-634-568

Query Match 0.6%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

431 AACTTAAATACGACGA 446

|||||:|||||:|:|:

16 AACTTCATATGACGA 1

Db

RESULT 909

US-08-435-628-330

; Sequence 330, Application US/08435628

; Patent No. 5817796

; GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628

FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/373,124

FILING DATE: January 13, 1995

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 330:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-435-628-330

Query Match 0.6%; Score 12.8; DB 1; Length 17;

Best Local Similarity 50.0%; Pred. No. 5.1e+02;

Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1882 GTTTTTCAGGCTCC 1897

|||||:|||||:|:|:

1 GUUUUGCUCAGGUCC 16

Db

RESULT 910

US-08-435-628-828/c

; Sequence 828, Application US/08435628

; Patent No. 5817796

; GENERAL INFORMATION:

/ APPLICANT: Stinchcomb, Dan T.
 / APPLICANT: Draper, Kenneth
 / APPLICANT: McSwiggen, James
 / APPLICANT: Jarvis, Thale
 / TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 / TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 / NUMBER OF SEQUENCES: 2627
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Lyon & Lyon
 / STREET: 633 West Fifth Street
 / STREET: Suite 4700
 / CITY: Los Angeles
 / STATE: California
 / COUNTRY: U.S.A.
 / ZIP: 90071

/ COMPUTER READABLE FORM:
 / MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 / MEDIUM TYPE: storage
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: IBM P.C. DOS 5.0
 / SOFTWARE: Word Perfect 5.1
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/435,628
 / FILING DATE: 05-MAY-1995
 / CLASSIFICATION: 514

/ PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: 08/373,124
 / FILING DATE: January 13, 1995
 / APPLICATION NUMBER: 08/245,466
 / FILING DATE: May 18, 1994
 / APPLICATION NUMBER: 08/192,943
 / FILING DATE: February 7, 1994
 / APPLICATION NUMBER: 07/987,132
 / FILING DATE: December 7, 1992
 / APPLICATION NUMBER: 07/936,422
 / FILING DATE: August 26, 1992
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Warburg, Richard
 / REGISTRATION NUMBER: 32,327
 / REFERENCE/DOCKET NUMBER: 209/035
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (213) 489-1600
 / TELEFAX: (213) 955-0440
 / TELEX: 67-3510
 / INFORMATION FOR SEQ ID NO: 828:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 17 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / US-08-435-628-828

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1369 AACTTCAAAAAGCCA 1384
 Db 17 AATTCAAAAACCCA 2

RESULT 911
 US-08-435-628-830/c
 / Sequence 830, Application US/08435628
 / Patent No. 5817796

/ GENERAL INFORMATION:
 / APPLICANT: Stinchcomb, Dan T.
 / APPLICANT: Draper, Kenneth
 / APPLICANT: McSwiggen, James
 / APPLICANT: Jarvis, Thale
 / TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 / TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

/ TITLE OF INVENTION: CANCER USING RIBOZYMES
 / NUMBER OF SEQUENCES: 2627
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Lyon & Lyon
 / STREET: 633 West Fifth Street
 / STREET: Suite 4700
 / CITY: Los Angeles
 / STATE: California
 / COUNTRY: U.S.A.
 / ZIP: 90071
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 / MEDIUM TYPE: storage
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: IBM P.C. DOS 5.0
 / SOFTWARE: Word Perfect 5.1
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/435,628
 / FILING DATE: 05-MAY-1995
 / CLASSIFICATION: 514

/ PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: 08/373,124
 / FILING DATE: January 13, 1995
 / APPLICATION NUMBER: 08/245,466
 / FILING DATE: May 18, 1994
 / APPLICATION NUMBER: 08/192,943
 / FILING DATE: February 7, 1994
 / APPLICATION NUMBER: 07/987,132
 / FILING DATE: December 7, 1992
 / APPLICATION NUMBER: 07/936,422
 / FILING DATE: August 26, 1992
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Warburg, Richard
 / REGISTRATION NUMBER: 32,327
 / REFERENCE/DOCKET NUMBER: 209/035
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (213) 489-1600
 / TELEFAX: (213) 955-0440
 / TELEX: 67-3510
 / INFORMATION FOR SEQ ID NO: 830:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 17 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / US-08-435-628-830

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1369 AACTTCAAAAAGCCA 1384
 Db 16 AATTCAAAAACCCA 1

RESULT 912
 US-08-435-628-1935/c
 / Sequence 1935, Application US/08435628
 / Patent No. 5817796

/ GENERAL INFORMATION:
 / APPLICANT: Stinchcomb, Dan T.
 / APPLICANT: Draper, Kenneth
 / APPLICANT: McSwiggen, James
 / APPLICANT: Jarvis, Thale
 / TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 / TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 / NUMBER OF SEQUENCES: 2627
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Lyon & Lyon
 / STREET: 633 West Fifth Street
 / STREET: Suite 4700

schultz167-3.rni

Thu Sep 16 13:16:23 2004

```

;
;
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2475:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-435-628-2475
;
; Query Match 0.6%; Score 12.8; DB 1; Length 17;
; Best Local Similarity 81.2%; Pred. No. 5.1e+02;
; Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1142 AGAAGATCAACACGCG 1157
; Db 2 AGAAGATCAACACGCG 17
;
; RESULT 914
; US-08-162-081B-19
; Sequence 19, Application US/08162081B
; Patent No. 5824492
; GENERAL INFORMATION:
; APPLICANT: Hiles, Ian Donald; Fry, Michael John; Dhand, Ritu
; APPLICANT: Bala; Waterfield, Michael Derek; Parker, Peter
; APPLICANT: Joseph; Otsu, Masayuki; Panayotou, George; Volinia,
; APPLICANT: Stefano; Gout, Ivan Tarasovitch
; TITLE OF INVENTION: POLYPEPTIDES HAVING KINASE ACTIVITY,
; TITLE OF INVENTION: THEIR PREPARATION AND USE
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESS: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,081B
; FILING DATE: February 7, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
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;
;
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1935:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-435-628-1935
;
; Query Match 0.6%; Score 12.8; DB 1; Length 17;
; Best Local Similarity 87.5%; Pred. No. 5.1e+02;
; Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1591 TCTCTGTGTATTATA 1606
; Db 17 TCTCTGTGTATTATA 2
;
; RESULT 913
; US-08-435-628-2475
; Sequence 2475, Application US/08435628
; Patent No. 5817756
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;

```

APPLICATION NUMBER: PCT/GB93/00761
FILING DATE: 13 April 1993
ATTORNEY/AGENT INFORMATION:
NAME: Pasqualini, Patricia A.
REGISTRATION NUMBER: 34,894
REFERENCE/DOCKET NUMBER: LUD 5256
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-162-081B-19

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1524 CAGCTCTGGCTTCCTG 1539
Db 1 CAGGCTGGCTTCCTG 16

RESULT 915
US-08-780-872-19
Sequence 19, Application US/08780872
Patent No. 5846824
GENERAL INFORMATION:
APPLICANT: Hiles, Ian Donald; Fry, Michael John; Dhand, Ritu
APPLICANT: Bala, Waterfield, Michael Derek; Parker, Peter
APPLICANT: Joseph; Otsu, Masayuki; Panayotou, George; Volinia,
TITLE OF INVENTION: Stefano; Gout, Ivan Tarasovitch
TITLE OF INVENTION: POLYPEPTIDES HAVING KINASE ACTIVITY,
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10022

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/780,872
FILING DATE: 09-JAN-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/162,081
FILING DATE: February 7, 1994
APPLICATION NUMBER: PCT/GB93/00761
FILING DATE: 13 April 1993
ATTORNEY/AGENT INFORMATION:
NAME: Pasqualini, Patricia A.
REGISTRATION NUMBER: 34,894
REFERENCE/DOCKET NUMBER: LUD 5256
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-780-872-19

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1524 CAGCTCTGGCTTCCTG 1539
Db 1 CAGGCTGGCTTCCTG 16

RESULT 916
US-08-173-489C-38/c
Sequence 38, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: 09518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: Nucleic Acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from dystrophin
DESCRIPTION: sequence region in Seq ID No. 586124437
HYPOTHEICAL: Yes
ANTI-SENSE: No
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 38 :FROM 1 TO 17
US-08-173-489C-38

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1423 GAGGAGACAAAGAG 1438
Db 17 GAGGAGAAAGAGAG 2

RESULT 917
US-08-725-976-20
Sequence 20, Application US/08725976

Patent No. 5929208

APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
ATTENTION: 613 West Fifth Street

CITY: Los Angeles
STATE: California
COUNTRY: USA

ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE, 3.5" Diskette, 1.44 Mb

COMPUTER: IBM compatible
OPERATING SYSTEM: WINDOWS (VERSION 3.0)
SOFTWARE: Wordperfect (Version 6.0)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/725,976
FILING DATE: October 4, 1996

CLASSIFICATION: 422
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below.
APPLICATION NUMBER: 08/146,504
FILING DATE: No. 5929208ember 1, 1993

NAME: Murphy, David B.
REGISTRATION NUMBER: 31,125

REFERENCE/DOCKET NUMBER: 222/211
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

TELEPHONE: (213) 933-0110
TELEFAX: 67-3510
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid

STRANDEDNESS: single
 TOPOLOGY: linear
 IS-08-725-976-20

Query Match	0.6%	Score 12.8;	DB 1;	Length 17;
Best Local Similarity	87.5%	Pred. No. 5.1e+02;		
		0. Mismatches	2;	
		Indels	0;	Gaps 0;

1331 CTGAGAGGAGGGAGA 1346

1 CTGGAGGGAAGGAGA 16

RESULT 918
US-08-671-978A-32
Application US/08671978A
08-08-2008 32

Patent No. 5959093
GENERAL INFORMATION:
APPLICANT: Saif, Linda J.

APPLICANT: Parwani, Anil
APPLICANT: Kim, Wonyong
APPLICANT: Chang, Keong-OK

1	;	TITLE OF INVENTION: ROTAVIRUS GENES
2	;	
3	;	NUMBER OF SEQUENCES: 50
4	;	
5	;	CORRESPONDENCE ADDRESS:
6	;	

ADDRESSEE: CALFRE, HALLER & GRISWOLD
STREET: 800 SUPERIOR AVENUE, SUITE 1400
CITY: CLEVELAND

STATE: OHIO
COUNTRY: USA
ZIP: 44114

```

;
; COMPUTER READABLE FORM:
;
; MEDIUM TYPE: Floppy disk
;
; COMPUTER: IBM PC compatible
;

```

OPERATING SYSTEM: 1.0007.02


```
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 20:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17
/ TYPE: nucleic
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-271-882B-20
/
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1331 CTGAGAGGAGGAGA 1346
Db 1 CTGAGAGGAGGAGA 16

RESULT 920
US-08-985-162-14
; Sequence 14, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-14
/
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 5.1e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 20:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17
/ TYPE: nucleic
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-271-882B-20
/
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1331 CTGAGAGGAGGAGA 1346
Db 1 CTGAGAGGAGGAGA 16

RESULT 920
US-08-985-162-14
; Sequence 14, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-15
/
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 5.1e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1680 GAGCTCTTCAGGAGC 1695
Db 1 GAGCTCTTCAGGAGC 16

RESULT 922
US-08-985-162-42
; Sequence 42, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
```

APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
JS-08-985-162-42
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 5.1e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
QY 113 GGGATGTGGAAATTA 128
DB 2 GGGAAUUGGAAATUA 17
RESULT 923
US-08-726-278-20
; Sequence 20, Application US/08726278
; Patent No. 6238624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Tu, Eugene
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; FILE REFERENCE: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
; CURRENT APPLICATION NUMBER: US/08/726,278
; CURRENT FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: 08/271,882
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 20
; LENGTH: 17
; TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; OTHER INFORMATION: Labeling
US-08-726-278-20
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1331 CTGAAGAGGAGGAGA 1346
DB 1 CTGGAGAGGAGGAGA 16
RESULT 924
US-09-085-957-19
; Sequence 19, Application US/09085957
; Patent No. 6274327
; GENERAL INFORMATION:
; APPLICANT: Hiles, Ian Donald; Fry, Michael John; Dhand, Ritu
; APPLICANT: Bala; Waterfield, Michael Derek; Parker, Peter
; APPLICANT: Joseph; Otsu, Masayuki; Panayotou, George; Volinia,
; APPLICANT: Stefano; Gout, Ivan Tarasovitch
; TITLE OF INVENTION: POLYPEPTIDES HAVING KINASE ACTIVITY,
; TITLE OF INVENTION: THEIR PREPARATION AND USE
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Relfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/085,957
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/780,872
; FILING DATE: 09-JAN-1997
; APPLICATION NUMBER: 08/162,081
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: PCT/GB93/00761
; FILING DATE: 13 April 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Pasqualini, Patricia A.
; REGISTRATION NUMBER: 34,894
; REFERENCE/DOCKET NUMBER: LUD 5256
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-085-957-19
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1524 CAGCTCTGGCTTCCTG 1539
DB 1 CAGGCTGGCTTCCTG 16

RESULT 925

US-08-584-040-1936/c
 ; Sequence 1936, Application US/08584040
 ; Patent No. 6346398

GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: TREATMENT OF DISEASES OR
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 ; TITLE OF INVENTION: GROWTH FACTOR
 ; NUMBER OF SEQUENCES: 8502
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/584,040
 ; FILING DATE: January 11, 1996
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/005,974
 ; FILING DATE: October 26, 1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 218/064
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510

SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; INFORMATION FOR SEQ ID NO: 1936:
 ; Sequence 1936, Application US/08584040
 ; Patent No. 6346398
 ; GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: TREATMENT OF DISEASES OR

US-08-584-040-1936

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1427 AGAAGAAAGAGTCAC 1442
 ||||| ||||| ||||| ||||| |||||
 Db 17 AGAAAAATAAGTCAC 2

RESULT 926

US-08-584-040-1937/c
 ; Sequence 1937, Application US/08584040
 ; Patent No. 6346398

GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: TREATMENT OF DISEASES OR

US-08-584-040-1937

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1426 GAGAAGAAAGAGTCAC 1441
 ||||| ||||| ||||| ||||| |||||
 Db 16 GAGAAAAATAAGTCAC 1

RESULT 927

US-08-584-040-2351
 ; Sequence 2351, Application US/08584040
 ; Patent No. 6346398

GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: TREATMENT OF DISEASES OR

US-08-584-040-2351

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1426 GAGAAGAAAGAGTCAC 1441
 ||||| ||||| ||||| ||||| |||||
 Db 16 GAGAAAAATAAGTCAC 1

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/064
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 INFORMATION FOR SEQ ID NO: 1937:
 Sequence 1937, Application US/08584040
 Patent No. 6346398
 GENERAL INFORMATION:
 APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TITLE OF INVENTION: TREATMENT OF DISEASES OR
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/064
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 INFORMATION FOR SEQ ID NO: 1937:
 Sequence 1937, Application US/08584040
 Patent No. 6346398
 GENERAL INFORMATION:
 APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TITLE OF INVENTION: TREATMENT OF DISEASES OR
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1426 GAGAAGAAAGAGTCAC 1441
 ||||| ||||| ||||| ||||| |||||
 Db 16 GAGAAAAATAAGTCAC 1

RESULT 927

US-08-584-040-2351
 ; Sequence 2351, Application US/08584040
 ; Patent No. 6346398

GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: TREATMENT OF DISEASES OR
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 ; NUMBER OF SEQUENCES: 8502
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

US-08-584-040-2351

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1426 GAGAAGAAAGAGTCAC 1441
 ||||| ||||| ||||| ||||| |||||
 Db 16 GAGAAAAATAAGTCAC 1

schultz167-3.rni

Thu Sep 16 13:16:23 2004

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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2403:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2403

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 5.1e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 420 AAGTCTGTGAACTT 435
   |||: |||: |||: |||:
Db 1 AACUGCUUGAAACUU 16

RESULT 929
US-08-584-040-4181/c
; Sequence 4181, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4181:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

```

```

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2351:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-584-040-2351

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 5.1e+02;
Matches 6; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

Y 2022 AGTCTAGTTTCCTTT 2037
   |||: |||: |||: |||:
b 1 AGUACGUUUCUUU 16

RESULT 928
IS-08-584-040-2403
; Sequence 2403, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974

```

```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-4181

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CTACTGGTGTCTGT 416
Db 17 CTACTGGTGTCTGT 2

RESULT 930
US-08-584-040-5498
; Sequence 5498, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 5498:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5498

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.1e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1401 GGATGAAAGAGAAA 1416
Db 2 GGAUGAUAAGAGAAA 17

US-08-584-040-5498
; Sequence 5498, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 5498:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5498

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.1e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1401 GGATGAAAGAGAAA 1416
Db 2 GGAUGAUAAGAGAAA 17

US-08-584-040-5498
; Sequence 5498, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 5498:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5498

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 454 ATCGCTGTGAATTGGG 469
Db 17 ATCGCTGTGAATTGTG 2

RESULT 932
US-08-584-040-5815
; Sequence 5815, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

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;
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 883:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-883

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 12.5%; Pred. No. 5.1e+02;
Matches 2; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 1576 TTTATATTTCTATT 1591
Db 2 UUUUUAUUUGUAUU 17
:::|:::|:::

RESULT 935
US-08-679-645-884
; Sequence 884, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994

;
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 884:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-884

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 12.5%; Pred. No. 5.1e+02;
Matches 2; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 1576 TTTATATTTCTATT 1591
Db 1 UUUUUAUUUGUAUU 16
:::|:::|:::

RESULT 936
US-09-474-432B-815
; Sequence 815, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo
; FILE REFERENCE: MBHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 815
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-815

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1239 GAGTGGCGATGAGGAC 1254
Db 1 GAGUGCGGUGGGGAC 16
|||:||||:|

RESULT 937
US-09-371-772B-481/c
; Sequence 481, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.

Thu Sep 16 13:16:23 2004

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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MEHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 481
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-481

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

/ 1427 AGAAGAAAGAGTCAC 1442
17 AGAAAAATAAGTCAC 2

RESULT 938
S-09-371-772B-482/c
Sequence 482, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MEHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 482
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-482

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1426 GAGAGAAAGAGTCAC 1441
DB 16 GAGAAAAATAAGTCAC 1

RESULT 939
US-09-371-772B-896
Sequence 896, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam

```

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APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MEHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 896
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-896

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 6; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 2022 AGCTAGTTTCCTTTT 2037
DB 1 AGUCAGUUCUUUU 16

RESULT 940
US-09-371-772B-948
Sequence 948, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
FILE REFERENCE: MEHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 948
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-948

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 420 AAGTGTGTGAAACTT 435
DB 1 AACUGCUUUGAAACUU 16

RESULT 941
US-09-371-772B-1948/c
Sequence 1948, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim

```



```
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1948
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1948
```

```
Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 401 CTACTGGTGGTCTCTGT 416
    ||||| ||||| |||||
DB 17 CTACTGGTGGTCTCTGT 2
```

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RESULT 942
US-09-371-772B-2389
; Sequence 2389, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2389
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2389
```

```
Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.1e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1401 GGATGAAAAGAGAAA 1416
    ||||| ||||| |||||
DB 2 GGAUGAUAAGAGAAA 17
```

```
RESULT 943
US-09-371-772B-2678/c
; Sequence 2678, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
```

```
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2678
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```
Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 454 ATCGCTGTGAATTGGG 469
    ||||| ||||| |||||
DB 17 ATCGCTGTGAATTGTG 2
```

```
RESULT 944
US-09-371-772B-2680
; Sequence 2680, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2680
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2680
```

```
Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 5.1e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 832 GTGGTCTTACAGTGTG 847
    |:|:|:|:|:|:|:|:|
DB 2 GUGGUCUUCUGUGUG 17
```

```
RESULT 945
US-09-371-772B-2681
; Sequence 2681, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
```

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Thu Sep 16 13:16:23 2004

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; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2681
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2681

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 5.1e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

/      832 GTGGCTTACAGTGTG 847
      |||:|:|:|:|:|:|
      1 GUGGUCUUUGGUGUG 16

RESULT 946
US-09-371-772B-5309
Sequence 5309, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371.772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5309
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5309

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 5.1e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

2Y      419 CAAGTGTGTGAAGT 434
      |||:|:|:|:|:|:|
      2 CACUCUUUGAAACU 17

Db

RESULT 947
US-09-371-772B-5395/c
Sequence 5395, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5395
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5395

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 5.1e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY      647 CTGTGTCCTTTTCATAA 662
      |||:|:|:|:|:|:|
      2 CUGUCUUUCUCCAUA 17

Db

RESULT 948
US-09-371-772B-5572
Sequence 5572, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371.772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5572
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5572

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 5.1e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY      647 CTGTGTCCTTTTCATAA 662
      |||:|:|:|:|:|:|
      2 CUGUCUUUCUCCAUA 17

Db

RESULT 949
US-09-371-772B-5573
Sequence 5573, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5572
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5572

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 5.1e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY      647 CTGTGTCCTTTTCATAA 662
      |||:|:~|:~|:~|:~|:~|
      2 CUGUCUUUCUCCAUA 17

Db

```

; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5573
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5573

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 5.1e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 647 CTGTGCTCTTTCATAA 662
||:||||:||||
Db 1 CUGUCUCCUCCAUAA 16

RESULT 950
US-09-371-772B-6217/c
; Sequence 6217, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6217
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6217

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 89 GGAAAGTCGTACTA 104
|||||
Db 17 GGAAATCTGTACCA 2

RESULT 951
US-09-371-772B-6259/c
; Sequence 6259, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6259
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6259

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 945 TATGCTGATGCTGGGA 960
|||||
Db 17 TATGCTGATGCTTCGA 2

RESULT 952
US-09-371-772B-6693/c
; Sequence 6693, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6693
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6693

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CTACTGGTGTCTGT 416
|||||
Db 16 CTACTGGTGTGTGT 1

RESULT 953
US-09-371-772B-6699/c
; Sequence 6699, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B

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Thu Sep 16 13:16:23 2004

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; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 814
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-476-387-814

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      1239 GAGTGGCGATGAGGAC 1254
        |||:|||||:|||||
        1 GAGUGGCGGUGGGGAC 16

Db

RESULT 956
US-09-401-063-14
; Sequence 14, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 14:

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SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-401-063-14

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 68.8%; Pred. No. 5.1e+02;
 Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1680 GAGCTCTTCCAGGAGC 1695
 |||||:|:|:|
 Db 2 GAGCUUCUGGGAGC 17

RESULT 957

US-09-401-063-15
 ; Sequence 15, Application US/09401063
 ; Patent No. 6623962

GENERAL INFORMATION:
 APPLICANT: Akhtar, Saghir
 APPLICANT: Fell, Patricia
 APPLICANT: McSwigen, James
 TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
 TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 TITLE OF INVENTION: FACTOR RECEPTORS
 NUMBER OF SEQUENCES: 1877
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Fast-SEQ for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/401.063
 FILING DATE:

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/985,162
 FILING DATE: 04 December 1997
 APPLICATION NUMBER: 60/036,476
 FILING DATE: 31 January 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 230/107
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-09-401-063-15

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 68.8%; Pred. No. 5.1e+02;
 Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1680 GAGCTCTTCCAGGAGC 1695

Db 1 GAGCUUCUGGGAGC 16
 |||||:|:|:|

RESULT 958

US-09-401-063-42
 ; Sequence 42, Application US/09401063
 ; Patent No. 6623962

GENERAL INFORMATION:
 APPLICANT: Akhtar, Saghir
 APPLICANT: Fell, Patricia
 APPLICANT: McSwigen, James
 TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
 TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 TITLE OF INVENTION: FACTOR RECEPTORS
 NUMBER OF SEQUENCES: 1877
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Fast-SEQ for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/401.063
 FILING DATE:

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/985,162
 FILING DATE: 04 December 1997
 APPLICATION NUMBER: 60/036,476
 FILING DATE: 31 January 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 230/107
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 42:

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-09-401-063-42

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 62.5%; Pred. No. 5.1e+02;
 Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 113 GGGATGTTGGAATTA 128
 |||||:|:|:|
 Db 2 GGGAAUUGGAAAUUA 17

RESULT 959

US-09-827-998-317
 ; Sequence 317, Application US/09827998
 ; Patent No. 6656700

GENERAL INFORMATION:
 APPLICANT: Gu, Yizhong
 APPLICANT: Shannon, Mark
 TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

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Thu Sep 16 13:16:23 2004

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FILE REFERENCE: MDHMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 317
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
3-09-827-998-317

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

/      1403 ATCAAAAGAGAAAGA 1418
      2 AGGAAGAGAGAAAGA 17
      |||||
3

RESULT 960
3-09-827-998-318
Sequence 318, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 318
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
3-09-827-998-318

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y      1403 ATCAAAAGAGAAAGA 1418
      1 AGGAAGAGAGAAAGA 16
      |||||
Db

RESULT 961
US-09-866-108A-2438/c
Sequence 2438, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1449 GGAGAAACCAAGGAG 1464
      17 GGAGAAACCAAGGAG 2
      |||||
Db

RESULT 962
US-09-866-108A-2439/c
Sequence 2439, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2439
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2439

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1449 GGAGAAACCAAGGAG 1464
      |||||
      16 GGAGAAACCAAGGAG 1

Db

RESULT 963
US-09-866-108A-6561
; Sequence 6561, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-10-04
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6561
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6561

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1011 AGCTGTGCGCTGGAT 1026
      |||||
      16 AGCTGTGCGCTGGAT 1026

Db

RESULT 964
US-09-866-108A-7083
; Sequence 7083, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-10-04
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7083
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7083

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1455 AACCAAGCAGGAGAG 1470
      |||||
      2 AGCAAGCAGGAGAG 17

Db

RESULT 965
US-09-866-108A-8399
; Sequence 8399, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

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Thu Sep 16 13:16:23 2004

CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Aecomica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 8399
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-8399

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 905 AGCCCAAGTGTGGA 920
 | ||||| |||||
 Db 2 AAGCCCAAGTGTGGA 17

RESULT 966
 JS-09-866-108A-8400
 ; Sequence 8400, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AECOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8666
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-8666

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Aecomica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 8400
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-8400

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 905 AGCCCAAGTGTGGA 920
 | ||||| |||||
 Db 1 AAGCCCAAGTGTGGA 16

RESULT 967
 US-09-866-108A-8666
 ; Sequence 8666, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AECOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8666
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-8666

QY 1454 AAACCAAGGAGGAGAA 1469
 || ||||| |||||
 Db 2 AAGCCAAGAGGAGAA 17

RESULT 968

US-09-866-108A-8943/c
 ; Sequence 8943, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8943
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8943

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1693 CTCTTCAGGAGCCAC 1698
 ||||| ||||| |||||
 Db 17 CTCTTCAGGAGCCGC 2

RESULT 969

US-09-866-108A-8948/c
 ; Sequence 8948, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8948
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8948

Query Match 0.6%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1679 TCAGCTCTTCAGGAG 1694
 ||||| ||||| |||||
 Db 16 TCAGCTCTTCAGGCG 1

RESULT 970

US-09-866-108A-9076/c
 ; Sequence 9076, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665

Patent No. 686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Shaorong G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensteng
APPLICANT: SHANNON, Mark

```

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9227
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9227

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Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 1975 GCCTGCCCTCTGCTG 1990
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Db 16 GGCTGCCCTCTGGCTG 1
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RESULT 974

```

US-09-866-108A-10559/c
; Sequence 10559, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669

```

```

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10560

```

```
Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;

```

```

; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10559
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10559

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```

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 1996 TCCTAATTCGAGGT 2011
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Db 17 TCCTACTTCGAGGT 2
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RESULT 975

```

US-09-866-108A-10560/c
; Sequence 10560, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10560

```

```
Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;

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```

US-09-866-108A-10560/c
; Sequence 10560, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10560

```

```
Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;

```

Thu Sep 16 13:16:23 2004

schultz167-3.rni

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1996 TCCTAATTCGGAGGT 2011
 16 TCCTACTTCTGGAGGT 1

RESULT 976

CT-US94-12947A-57/c

Sequence 57, Application PC/TUS9412947A

GENERAL INFORMATION:

APPLICANT: The Johns Hopkins University School of Medicine

TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY

TITLE OF INVENTION: ANALYSIS OF SPUTUM

NUMBER OF SEQUENCES: 128

CORRESPONDENCE ADDRESS:

ADDRESSEE: Spensley Horn Jubas & Lubitz

STREET: 1880 Century Park East, Suite 500

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90067

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: PatentIn Release #1.0, Version #1.25

APPLICATION NUMBER: PCT/US94/12947A

FILING DATE: 10-NOV-1994

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Haile, Ph.D., Lisa A.

REGISTRATION NUMBER: P-38,347

REFERENCE/DOCKET NUMBER: FD-2912

TELEPHONE: (619) 455-5100

TELEFAX: (619) 455-5110

INFORMATION FOR SEQ ID NO: 57:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: CDS

LOCATION: 1..17

PCT-US94-12947A-57

Query Match 0.6%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 GGCCATCTCTGGAACTG 552

DB 16 GGCCATCCAGGAAGT 1

RESULT 977

US-08-105-483-196/c

Sequence 196, Application US/08105483

Patent No. 5494807

GENERAL INFORMATION:

APPLICANT: Paoletti, Enzo

TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE

TITLE OF INVENTION: STRAIN

NUMBER OF SEQUENCES: 462

CORRESPONDENCE ADDRESS:

ADDRESSEE: Curtis, Morris & Safford

ADDRESSEE: c/o William S. Frommer

STREET: 530 Fifth Avenue

CITY: New York

STATE: NY
 COUNTRY: USA
 ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/105,483

FILING DATE: 12-AUG-1993

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/847,951

FILING DATE: 06-MAR-1992

ATTORNEY/AGENT INFORMATION:

NAME: Frommer, William S.

REGISTRATION NUMBER: 25,506

REFERENCE/DOCKET NUMBER: 454310-2400

TELEPHONE: (212) 840-3333

TELEFAX: (212) 840-0712

INFORMATION FOR SEQ ID NO: 196:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-105-483-196

Query Match 0.6%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 5.8e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 GTCTCTACCGAAAAAT 215

DB 18 GTGTCTACCTAAAAAT 3

RESULT 978

US-08-105-483-287/c

Sequence 287, Application US/08105483

Patent No. 5494807

GENERAL INFORMATION:

APPLICANT: Paoletti, Enzo

TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE

TITLE OF INVENTION: STRAIN

NUMBER OF SEQUENCES: 462

CORRESPONDENCE ADDRESS:

ADDRESSEE: Curtis, Morris & Safford

ADDRESSEE: c/o William S. Frommer

STREET: 530 Fifth Avenue

CITY: New York

STATE: NY

COUNTRY: USA

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/105,483

FILING DATE: 12-AUG-1993

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/847,951

FILING DATE: 06-MAR-1992

ATTORNEY/AGENT INFORMATION:

NAME: Frommer, William S.

REGISTRATION NUMBER: 25,506

REFERENCE/DOCKET NUMBER: 454310-2400

TELECOMMUNICATION INFORMATION:

```

; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 287:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-105-483-287

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 509 GCTCTGTTACGTCAA 524
Db 16 GCATCTGTTAGTCAA 1

RESULT 979
US-08-220-151-77/c
; Sequence 77, Application US/08220151
; Patent No. 5529780
; GENERAL INFORMATION:
; APPLICANT: Paolletti, Enzo
; APPLICANT: Limbach, Keith J.
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF
; TITLE OF INVENTION: CANINE HERPESVIRUS gB, gC AND gD AND USES THEREFOR
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/220,151
; FILING DATE: 30-MAR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2540
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066 CURTMS
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-220-151-77

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 200 GTCTCTACCGAAAT 215
Db 18 GTGTCTACCTAAAAAT 3

RESULT 980
US-07-977-284A-67
; Sequence 67, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-07-977-284A-67

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1496 AGGTCAAGTTGGCTG 1511
Db 2 AGGTCAAGATGCTG 17

RESULT 981
US-08-050-073-70/c
; Sequence 70, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Schafi, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
; TITLE OF INVENTION: Typing
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.

```

STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050,073
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8769
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
IS-08-050-073-70

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1492 GAGGAGGTCAGATTGG 1507
|||||
DB 18 GAGGAGGTTAGTTG 3

RESULT 982
IS-08-379-081B-230
; Sequence 230, Application US/08379081B
; Patent No. 5580971
; GENERAL INFORMATION:
; APPLICANT: MITSURASHI, MASATO
; TITLE OF INVENTION: FUNGAL DETECTION SYSTEM
; NUMBER OF SEQUENCES: 407
; CORRESPONDENCE ADDRESS:
; ADDRESSER: KNOBBE, MARTENS, OLSON AND BEAR
; STREET: 620 NEWPORT CENTER DRIVE
; CITY: NEWPORT BEACH
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,081B
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: ALTMAN, DANIEL E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.011A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 230:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to rRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Candida kefyr
CLONE: YSARSUB
IMMEDIATE SOURCE:
US-08-379-081B-230

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 TGTCGGAGTACAGCAAG 330
|||||
DB 1 TGTCGGAGNCCAGCGAG 17

RESULT 983
US-08-146-504-6/c
; Sequence 6, Application US/08146504
; Patent No. 5605662
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.; and Tu, Eugene
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
; TITLE OF INVENTION: DIAGNOSTICS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/146,504
; FILING DATE: No. 5605662ember 1, 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-146-504-6

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1331 CTGAGAGAGAGGAGA 1346
Db 17 CTGGAGAGAGGAGA 2

RESULT 984

US-08-183-211-9
; Sequence 9, Application US/08183211
; Patent No. 5618709
; GENERAL INFORMATION:
; APPLICANT: Alan M. Gewirtz, Donald Small, Curt I. Civin.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEO- TIDES
; TITLE OF INVENTION: SPECIFIC FOR STK-1 AND METHOD FOR
; TITLE OF INVENTION: INHIBITING EXPRESSION OF THE STK-1 PROTEIN
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL GONDA LAVORGNA & MONACO
; STREET: Suite 1800, Penn Center Plaza
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/183,211
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 3957-15
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5618709e
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
US-08-183-211-9

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1535 TCCTGCTGAGTCCCTC 1550
Db 2 TCCGCTGAGGCCCTC 17

RESULT 985

US-08-379-078-230
; Sequence 230, Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: Gene Detection System
; NUMBER OF SEQUENCES: 726
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA

; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,078
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/974,406
; FILING DATE: 12-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.011CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 230:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA to rRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Candida kefyr
; IMMEDIATE SOURCE:
; CLONE: YSARSUB
US-08-379-078-230

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 TGTGGAGTACAGCAG 330
Db 1 TGTGGAGNCCAGCGAG 17

RESULT 986

US-07-976-103A-11/c
; Sequence 11, Application US/07976103A
; Patent No. 5645985
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/976,103A

FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-07-976-103A-11
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Y 1403 ATGAAAAAGAGAGAAGA 1418
b 18 AGGAAAAAGAGAGAGA 3
RESULT 987
US-08-363-585-54
Sequence 54, Application US/08363585
Patent No. 5683872
GENERAL INFORMATION:
APPLICANT: Rudert, William A.
APPLICANT: Trucco, Massimo
TITLE OF INVENTION: Polymers of Oligonucleotide Probes
TITLE OF INVENTION: As The Bound Ligands For Use In Reverse
TITLE OF INVENTION: Dot Blots
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESS:
ADDRESSEE: University of Pittsburgh
STREET: Office of Intellectual Property
STREET: 911 William Pitt Union
CITY: Pittsburgh
STATE: Pennsylvania
COUNTRY: USA
ZIP: 15260
COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,585
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Colen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
TELEFAX: 412/288-3063
TELEX: 277871
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA

FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-07-976-103A-11
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Y 1403 ATGAAAAAGAGAGAAGA 1418
b 18 AGGAAAAAGAGAGAGA 3
RESULT 987
US-08-363-585-54
Sequence 54, Application US/08363585
Patent No. 5683872
GENERAL INFORMATION:
APPLICANT: Rudert, William A.
APPLICANT: Trucco, Massimo
TITLE OF INVENTION: Polymers of Oligonucleotide Probes
TITLE OF INVENTION: As The Bound Ligands For Use In Reverse
TITLE OF INVENTION: Dot Blots
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESS:
ADDRESSEE: University of Pittsburgh
STREET: Office of Intellectual Property
STREET: 911 William Pitt Union
CITY: Pittsburgh
STATE: Pennsylvania
COUNTRY: USA
ZIP: 15260
COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,585
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Colen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
TELEFAX: 412/288-3063
TELEX: 277871
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA

PUBLICATION INFORMATION:
AUTHORS: Kimura, A.
AUTHORS: Sasazuki, T.
TITLE: Eleventh International Histocompatibility
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
JOURNAL: HLA 1991
VOLUME: 1
PAGES: 397-419
DATE: 1992
RELEVANT RESIDUES IN SEQ ID NO: 54: 1 to 18
US-08-363-585-54
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1492 GAGGAGGTCAAGTTGG 1507
Db 1 GAGGAGGTAAAGTTG 16
RESULT 988
US-08-363-585-94/c
Sequence 94, Application US/08363585
Patent No. 5683872
GENERAL INFORMATION:
APPLICANT: Rudert, William A.
APPLICANT: Trucco, Massimo
TITLE OF INVENTION: Polymers of Oligonucleotide Probes
TITLE OF INVENTION: As The Bound Ligands For Use In Reverse
TITLE OF INVENTION: Dot Blots
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESS:
ADDRESSEE: University of Pittsburgh
STREET: Office of Intellectual Property
STREET: 911 William Pitt Union
CITY: Pittsburgh
STATE: Pennsylvania
COUNTRY: USA
ZIP: 15260
COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,585
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Colen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
TELEFAX: 412/288-3063
TELEX: 277871
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
PUBLICATION INFORMATION:
AUTHORS: Kimura, A.
AUTHORS: Sasazuki, T.
TITLE: Eleventh International Histocompatibility
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing


```

; TITLE: Technique
; JOURNAL: HLA 1991
; VOLUME: 1
; PAGES: 397-419
; DATE: 1992
; RELEVANT RESIDUES IN SEQ ID NO: 94: 1 to 18
US-08-363-585-94

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 1865 GTCTTCCAGGATCTCC 1880
Db 16 GTCTTCCAGGATGTC 1

RESULT 989
US-08-413-118-77/c
; Sequence 77, Application US/08413118
; Patent No. 5688920
; GENERAL INFORMATION:
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: LIMBACH, KEITH J.
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF
; TITLE OF INVENTION: CANINE HERPESVIRUS 9B, 9C, AND 9D AND USES THEREFOR
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
; STREET: 530 FIFTH AVENUE, 25TH FLOOR
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/413,118
; FILING DATE: 29-MAR-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/220,151
; FILING DATE: 30-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FROMMER, WILLIAM S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2670
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-413-118-77

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 200 GTCTTCCAGGAAAT 215
Db 18 GTGTCTACCTAAAT 3

RESULT 990
US-08-363-240A-1082/c
; Sequence 1082, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1082:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-1082

Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 638 GGGTCATGACTGTGTC 653
Db 17 GGGTCAGGACTGTGTC 2

RESULT 991
US-08-224-657-53/c
; Sequence 53, Application US/08224657
; Patent No. 5756102
; GENERAL INFORMATION:
; APPLICANT: Paolletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Taylor, Jill
; TITLE OF INVENTION: POXVIRUS - CANINE DISTEMPER VIRUS (CDV)
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
; TITLE OF INVENTION: RECOMBINANTS
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue
; CITY: New York

```

schultz167-3.rni

Thu Sep 16 13:16:23 2004

TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 196:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-709-209-196

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 GTCTCTACCGAAAAAT 215
||| ||||| |||||
DB 18 GTGCTACCTAAAAAT 3

RESULT 993
US-08-709-209-287/c
; Sequence 287, Application US/08709209
; Patent No. 5762938
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; NUMBER OF SEQUENCES: 462
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/709,209
FILING DATE: 21-AUG-1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/105,483
FILING DATE: 12-AUG-1993
APPLICATION NUMBER: US 07/847,951
FILING DATE: 06-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2400
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 287:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-709-209-287

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 509 GCCTCTGTTAGTCGCA 524
||| ||||| |||||
DB 16 GCATCTGTTAGTCGCA 1

STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/224,657
FILING DATE: 06-APR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2550
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066 CURTWS
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-224-657-53

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 GTCTCTACCGAAAAAT 215
||| ||||| |||||
DB 18 GTGCTACCTAAAAAT 3

RESULT 992
US-08-709-209-196/c
; Sequence 196, Application US/08709209
; Patent No. 5762938
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; NUMBER OF SEQUENCES: 462
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/709,209
FILING DATE: 21-AUG-1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/105,483
FILING DATE: 12-AUG-1993
APPLICATION NUMBER: US 07/847,951
FILING DATE: 06-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2400

```

RESULT 994
US-08-458-101-196/c
; Sequence 196, Application US/08458101
; Patent No. 5766599
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Perkus, Marion E.
; APPLICANT: Taylor, Jill
; APPLICANT: Tartaglia, James
; APPLICANT: No. 5766599ton, Elizabeth K.
; APPLICANT: Riviere, Michel
; APPLICANT: de Taisne, Charles
; APPLICANT: Limbach, Keith J.
; APPLICANT: Johnson, Gerard P.
; APPLICANT: Pincus, Steven E.
; APPLICANT: Cox, William I.
; APPLICANT: Audonnet, Jean-Christophe Francis
; APPLICANT: Gettig, Russell Robert
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; NUMBER OF SEQUENCES: 467
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,101
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2740
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 196:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-458-101-196

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Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 200 GTCTACCGAAAT 215
Db 18 GTGCTACCTAAAT 3

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RESULT 995
US-08-458-101-287/c
; Sequence 287, Application US/08458101
; Patent No. 5766599
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Perkus, Marion E.
; APPLICANT: Taylor, Jill
; APPLICANT: Tartaglia, James

```

```

; APPLICANT: No. 5766599ton, Elizabeth K.
; APPLICANT: Riviere, Michel
; APPLICANT: de Taisne, Charles
; APPLICANT: Limbach, Keith J.
; APPLICANT: Johnson, Gerard P.
; APPLICANT: Pincus, Steven E.
; APPLICANT: Cox, William I.
; APPLICANT: Audonnet, Jean-Christophe Francis
; APPLICANT: Gettig, Russell Robert
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; NUMBER OF SEQUENCES: 467
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,101
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2740
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 287:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-458-101-287

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 509 GCTTCTGTAGTCAA 524
Db 16 GCATCTGTAGTCAA 1

RESULT 996
US-08-405-702A-15
; Sequence 15, Application US/08405702A
; Patent No. 5789389
; GENERAL INFORMATION:
; APPLICANT: Tarasewicz, Dariusz G
; APPLICANT: Schott, Brigitte
; APPLICANT: Holzmayer, Tatiana A.
; APPLICANT: Roninson, Igor B
; TITLE OF INVENTION: BCL2 Derived Genetic Elements Associated
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 10 South Wacker Drive, Suite 3000
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:

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schultz167-3.rni

Thu Sep 16 13:16:23 2004

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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/405,702A
FILING DATE: 17-MAR-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: No. 5789389nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 95,332
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 910-221-5317
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
S-08-405-702A-15

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1216 CCTGAGAGCGCATCC 1231
|||||
b 1 CCTGAGAGCGCATCC 16

RESULT 997
S-08-473-481-11/c
Sequence 11, Application US/08473481
Patent No. 5830653
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-473-481-11

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1403 ATGAAAAGAGAGAGA 1418
|||||
Db 18 AGGAAAAGAGAGAGA 3

RESULT 998
US-08-184-009-51/c
Sequence 51, Application US/08184009
Patent No. 5833975
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
NUMBER OF SEQUENCES: 217
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
STREET: 530 Fifth Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/184,009
FILING DATE: 19-JAN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2530
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs

```

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-184-009-51

Query Match      0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      200 GTCTCTACCGAAAAAT 215
Db      18 GTGCTACTCTAAAAAT 3

RESULT 999
US-08-117-952-375
; Sequence 375, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 375:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-375

Query Match      0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1689 CAGGAGCCACCTTGC 1704
Db      2 CATGAGCCACCATGCC 17

RESULT 1000
US-08-417-210A-51/c

; Sequence 51, Application US/08417210A
; Patent No. 5863542
; GENERAL INFORMATION:
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: TARTAGLIA, JAMES
; APPLICANT: COX, WILLIAM I.
; TITLE OF INVENTION: IMMUNODEFICIENCY RECOMBINANT POXVIRUS
; NUMBER OF SEQUENCES: 148
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
; STREET: 530 FIFTH AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/417,210A
; FILING DATE: 05-APR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KOWALSKI, THOMAS J.
; REGISTRATION NUMBER: 32,147
; REFERENCE/DOCKET NUMBER: 454310-2690
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-840-3333
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-417-210A-51

Query Match      0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      200 GTCTCTACCGAAAAAT 215
Db      18 GTGCTACTCTAAAAAT 3

RESULT 1001
US-08-418-085-45
; Sequence 45, Application US/08418085
; Patent No. 5869283
; GENERAL INFORMATION:
; APPLICANT: SLIJKHUIS, HERMAN; SELTEN, GERARDUS CORNELIS
; APPLICANT: MARIA, SWAAL, ERIC BASTIAN
; TITLE OF INVENTION: PROCESS FOR OXIDATION OF STEROIDS AND
; TITLE OF INVENTION: GENETICALLY ENGINEERED CELLS USED THEREIN
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/418,085
; FILING DATE: 06-APR-1995
```

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/054,185
FILING DATE: 26-APR-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/002,608
FILING DATE: 11-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/474,857
FILING DATE: 30-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/474,798
FILING DATE: 16-JULY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/NL89/00072
FILING DATE: 25-SEPT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL/88/200904.6
FILING DATE: 06-MAY-88
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL/88/202080.3
FILING DATE: 03-SEP-88
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146,1169 CON-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: NUCLEIC ACID
STRANDEDNESS: DOUBLE
TOPOLOGY: UNKNOWN
FEATURE:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: REGION OF ADX mRNA/cDNA HOMOLOGOUS
OTHER INFORMATION: TO THE PRIMERS, FIGURE 38
JS-08-418-085-45
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1655 CGAGCTCAGGCAGCT 1670
DB 1 CGAGCGCAGCAGCT 16
RESULT 1002
US-08-725-976-6/c
Sequence 6, Application US/08725976
Patent No. 5929208
GENERAL INFORMATION:
APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: WINDOWS (VERSION 3.0)
SOFTWARE: WordPerfect (Version 6.0)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/725,976
FILING DATE: October 4, 1996
CLASSIFICATION: 422
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application described below:
PRIOR APPLICATION DATA: 08/146,504
APPLICATION NUMBER: 08/146,504
FILING DATE: No. 5929208ember 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Murphy, David B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 222/211
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-725-976-6
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1331 CTGAAGAGGAGGAGGA 1346
DB 17 CTGGAGGAGGAGGAGGA 2
RESULT 1003
US-08-458-356-51/c
Sequence 51, Application US/08458356
Patent No. 5942235
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
NUMBER OF SEQUENCES: 217
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
STREET: 530 Fifth Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,356
FILING DATE: 02-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/184,009
FILING DATE: 19-JAN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2530
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:

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; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-458-356-51

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy    200 GTCTCTACCGAAAAAT 215
Db    18 GTGCTACCTAAAAAT 3

RESULT 1004
US-08-256-426B-67
; Sequence 67, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,284
; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark Deluca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TUU-1082
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-08-256-426B-67

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy    1496 AGTCAAGTTGGCCTG 1511

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Db    2 AGTCAAGATGCTCTG 17

RESULT 1005
US-08-473-446-77/c
; Sequence 77, Application US/08473446
; Patent No. 6017542
; GENERAL INFORMATION:
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: LIMBACH, KEITH J.
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF
; TITLE OF INVENTION: CANINE HERPESVIRUS 9B, 9C, AND 9D AND USES THEREFOR
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
; STREET: 530 FIFTH AVENUE, 25TH FLOOR
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,446
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/413,118
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: FROMMER, WILLIAM S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2670
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-473-446-77

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Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy    200 GTCTCTACCGAAAAAT 215
Db    18 GTGCTACCTAAAAAT 3

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RESULT 1006
US-08-271-882B-6/c
; Sequence 6, Application US/08271882B
; Patent No. 6017696
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; APPLICANT: Eugene Tu
; APPLICANT: Glen A. Evans
; APPLICANT: Ronald G. Sosnowski
; TITLE OF INVENTION: SELF-ADDRESSABLE
; TITLE OF INVENTION: SELF-ASSEMBLING
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
; TITLE OF INVENTION: DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
; AND DIAGNOSTICS

```

NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Iyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,882B
FILING DATE: July 7, 1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146,504
FILING DATE: No 6017696ember 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Murphy, David B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 207/263
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic
TYPE: acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
NAME/KEY: -
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 2004 CTGCGAGTGGAGGTG 2019
Db 18 CTGCGAGTGGAGGTG 3
RESULT 1008
US-08-912-272-83
; Sequence 83, Application US/08912272
; Patent No. 6093874
; GENERAL INFORMATION:
; APPLICANT: Jofuku, K. Diane
; APPLICANT: Okumuro, Jack K.
; TITLE OF INVENTION: Methods for Improving Seeds
; NUMBER OF SEQUENCES: 103
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/912,272
; FILING DATE: 15-AUG-1997
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/879,827
; FILING DATE: 20-JUN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/700,152
; FILING DATE: 20-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Bastian, Kevin L.
; REGISTRATION NUMBER: 34,774
; REFERENCE/DOCKET NUMBER: 023070-067220US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -

NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Iyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,882B
FILING DATE: July 7, 1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146,504
FILING DATE: No 6017696ember 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Murphy, David B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 207/263
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic
TYPE: acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
NAME/KEY: -
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1331 CTGAGAGGAGGAGGAGA 1346
Db 17 CTGAGAGGAGGAGGAGA 2
RESULT 1007
JS-08-617-256-33/c
; Sequence 33, Application US/08617256
; Patent No. 6043031
; GENERAL INFORMATION:
; APPLICANT: Kvster, Hubert
; TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/617,256
; FILING DATE: March 18, 1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/406,199


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; LOCATION: 1..18
; OTHER INFORMATION: /note= "RAP2.7U primer"
US-08-912-272-83

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1245 CGATGGAGCAGAGAC 1260
Db 1 CGATGGAGCAGAGAC 16

RESULT 1009
US-09-205-143-21/c
; Sequence 21, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: RTS-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 21
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-21

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 322 TACAGCAAGCATGC 337
Db 16 TTCATCAAGCATGC 1

RESULT 1010
US-09-094-714A-55
; Sequence 55, Application US/09094714A
; Patent No. 6117847
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett, Nicholas M. Dean
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF
; TITLE OF INVENTION: PROTEIN KINASE C EXPRESSION
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/094,714A
; FILING DATE: June 15, 1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/601,269
; FILING DATE: 14-FEB-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/478,178
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/NL89/00072
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; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/852,852
; FILING DATE: 16-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2943
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-094-714A-55

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1409 AAGAGAAAGACCAGA 1424
Db 1 AAGAGAGAGACCTGA 16

RESULT 1011
US-09-099-011A-45
; Sequence 45, Application US/09099011A
; Patent No. 6171836
; GENERAL INFORMATION:
; APPLICANT: SLIJKHUIS, HERMAN; SELTEN,
; APPLICANT: GERARDUS CORNELIS MARIA; SMAAL,
; APPLICANT: ERIC BASTIAAN
; TITLE OF INVENTION: PROCESS FOR OXIDATION OF
; TITLE OF INVENTION: STEROIDS AND GENETICALLY ENGINEERED CELLS
; TITLE OF INVENTION: USED THEREIN
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN, MUSELIAN & LUCAS
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MICROSOFT WORD 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/099,011A
; FILING DATE: 17-JUN-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/418,085
; FILING DATE: 06-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/054,185
; FILING DATE: 26-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/002,608
; FILING DATE: 11-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/474,857
; FILING DATE: 30-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/474,798
; FILING DATE: 16-JULY-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/NL89/00072
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FILING DATE: 25-SEPT-1989
PRIOR APPLICATION DATA: NL88/200904.6
FILING DATE: 06-MAY-1988
PRIOR APPLICATION DATA: NL/88/202080.3
FILING DATE: 03-SEP-1988
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146.1169-
REFERENCE/DOCKET NUMBER: CON-1-DIV-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: DOUBLE
TOPOLOGY: UNKNOWN
FEATURE:
OTHER INFORMATION: REGION OF ADX
OTHER INFORMATION: MRNA/CDNA HOMOLOGOUS TO THE PRIMERS,
OTHER INFORMATION: FIGURE 38
S-09-099-011A-45
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Y 1655 CGAGCTCAGGCGAGCT 1670
b 1 CGAGCGCAGGAGCT 16
RESULT 1012
S-08-617-010C-6/C
Sequence 6, Application US/08617010C
Patent No. 6194144
GENERAL INFORMATION:
APPLICANT: Hubert K ster
TITLE OF INVENTION: DNA SEQUENCING BY MASS SPECTROMETRY
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037-9103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/617,010C
FILING DATE: 18-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/178,216
FILING DATE: 06-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/001,323
FILING DATE: 07-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2012
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 619-587-5360
FILING DATE: 25-SEPT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL88/200904.6
FILING DATE: 06-MAY-1988
PRIOR APPLICATION DATA: NL/88/202080.3
FILING DATE: 03-SEP-1988
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146.1169-
REFERENCE/DOCKET NUMBER: CON-1-DIV-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: DOUBLE
TOPOLOGY: UNKNOWN
FEATURE:
OTHER INFORMATION: REGION OF ADX
OTHER INFORMATION: MRNA/CDNA HOMOLOGOUS TO THE PRIMERS,
OTHER INFORMATION: FIGURE 38
S-09-099-011A-45
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Y 1655 CGAGCTCAGGCGAGCT 1670
b 1 CGAGCGCAGGAGCT 16
RESULT 1013
US-09-287-141-33/c
Sequence 33, Application US/09287141
Patent No. 6197498
GENERAL INFORMATION:
APPLICANT: K ster, Hubert
TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037-9103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/287,141
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/617,256
FILING DATE: 18-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/406,199
FILING DATE: 03-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2002D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-450-8400
TELEFAX: 619-587-5360
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-287-141-33
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2004 CTGCAGGTGAGGTTG 2019
Db 18 CTGCAGGTGAGGTTG 3
US-08-617-010C-6
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2004 CTGCAGGTGAGGTTG 2019
Db 18 CTGCAGGTGAGGTTG 3
US-08-617-010C-6
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-617-010C-6

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Db      18 CTGCAGGTCGAGGGTG 3
|||||
RESULT 1014
US-09-431-613-33/c
; Sequence 33, Application US/09431613
; Patent No. 6221601
; GENERAL INFORMATION:
; APPLICANT: K ster, Hubert
; TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/431,613
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/617,256
; FILING DATE: 18-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/406,199
; FILING DATE: 03-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2002G
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-450-8400
; TELEFAX: 619-450-8400
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-09-431-613-33

Query Match      0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      2004 CTGCAGGTCGAGGGTG 2019
|||||
Db      18 CTGCAGGTCGAGGGTG 3
|||||

RESULT 1016
US-09-287-682-33/c
; Sequence 33, Application US/09287682
; Patent No. 6235478
; GENERAL INFORMATION:
; APPLICANT: K ster, Hubert
; APPLICANT: Little, Daniel P.
; APPLICANT: Braun, Andreas
; TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/287,682
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/617,256
; FILING DATE: 18-MAR-1996
; DB      18 CTGCAGGTCGAGGGTG 3
|||||

RESULT 1015
US-09-504-245-33/c
; Sequence 33, Application US/09504245
; Patent No. 6221605
; GENERAL INFORMATION:
; APPLICANT: K ster, Hubert
; TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe LLP
; STREET: 4250 Executive Square, 7th Floor
```

PRIOR APPLICATION DATA: 08/406,199
FILING DATE: 03-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2002E
TELEPHONE: 619-450-8400
TELEPHONE: 619-587-5360
TELEPHONE: (617)227-7400
TELEPHONE: (617)227-5941
TELEPHONE: (617)227-5941
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
S-09-287-682-33

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 2004 CTGCAGGTGAGGTTG 2019
18 CTGCAGGTGAGGTTG 3

RESULT 1017
US-08-338-352-12/c
Sequence 12, Application US/08338352
Patent No. 6235887
GENERAL INFORMATION:
APPLICANT: FROELER, BRIAN
APPLICANT: JONES, ROBERT J.
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED
TITLE OF INVENTION: PYRIMIDINES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSER: MORRISON & FORSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
NAME: MURASHIGE, KATE H.
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.20
TELEPHONE: (415) 813-5600
TELEPHONE: (415) 494-0792
TELEPHONE: (415) 494-0792
TELEPHONE: 706141
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
US-08-338-352-12

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1403 ATGAAAAAGAGAGA 1418
18 AGGAAAAAGAGAGAGA 3

Db 18 AGGAAAAAGAGAGAGA 3

RESULT 1018
US-08-726-278-6/c
Sequence 6, Application US/08726278
Patent No. 6238624
GENERAL INFORMATION:
APPLICANT: Heller, Michael J.
APPLICANT: Tu, Eugene
APPLICANT: Evans, Glen A.
APPLICANT: Sosnowski, Ronald G.
TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
CURRENT APPLICATION NUMBER: US/08/726,278
CURRENT FILING DATE: 1996-10-04
PRIOR APPLICATION NUMBER: 08/271,882
PRIOR FILING DATE: 1994-07-07
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 6
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Sequences for
OTHER INFORMATION: Labeling
US-08-726-278-6

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1331 CTGAAGACGAGGAGGA 1346
17 CTGGAGAGGAGGAGGA 2

Db 17 CTGGAGAGGAGGAGGA 2

RESULT 1019
US-09-566-591-6/c
Sequence 6, Application US/09566591
Patent No. 6238871
GENERAL INFORMATION:
APPLICANT: Hubert K'oster
TITLE OF INVENTION: DNA SEQUENCING BY MASS SPECTROMETRY
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSER: Heller Ehrman White & McAlliff
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037-9103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/566,591
FILING DATE: 08-May-2000
CLASSIFICATION: <Unknown>

Query Match	Score	DB 1	Length	DB 2	Length	DB 3	Length
US-09-287-679-33/c	0.6*	Score 12.8;	DB 1;	Length 18;			
Best Local Similarity	87.5*	Pred. No. 5.8e+02;					
Matches	14;	Conservative	0;	Mismatches	2;	Indels	0;
QY	2004	CTGCAGGTGCGAGGTG	2019				
Db	18	CTGCAGGTGCGAGGTG	3				
RESULT 1021							
US-08-460-736-51/c							
Sequence 51, Application US/08460736							
Patent No. 6265189							
GENERAL INFORMATION:							
APPLICANT: Paoletti, Enzo							
APPLICANT: Tartaglia, James							
APPLICANT: Cox, William I.							
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY							
NUMBER OF SEQUENCES: 217							
CORRESPONDENCE ADDRESS:							
ADDRESSEE: Curtis, Morris & Safford							
STREET: 530 Fifth Avenue							
CITY: New York							
STATE: NY							
COUNTRY: USA							
ZIP: 10036							
COMPUTER READABLE FORM:							
MEDIUM TYPE: Floppy disk							
COMPUTER: IBM PC compatible							
OPERATING SYSTEM: PC-DOS/MS-DOS							
SOFTWARE: Patent In Release #1.0, Version #1.25							
CURRENT APPLICATION DATA:							
APPLICATION NUMBER: US/08/460,736							
FILING DATE: 02-JUN-1995							
CLASSIFICATION: 514							
PRIOR APPLICATION DATA:							
APPLICATION NUMBER: US 08/184,009							
FILING DATE: 19-JAN-1994							
ATTORNEY/AGENT INFORMATION:							
NAME: Frommer, William S.							
REGISTRATION NUMBER: 25,506							
REFERENCE/DOCKET NUMBER: 454310-2530							
TELEPHONE: (212) 840-3333							
TELEFAX: (212) 840-0712							
TELEX: 425066CURTWS							
INFORMATION FOR SEQ ID NO: 51:							
SEQUENCE CHARACTERISTICS:							
LENGTH: 18 base pairs							
TYPE: nucleic acid							
STRANDEDNESS: single							
TOPOLOGY: linear							
MOLECULE TYPE: CDNA							
US-08-460-736-51							
Query Match	0.6*	Score 12.8;	DB 1;	Length 18;			
Best Local Similarity	87.5*	Pred. No. 5.8e+02;					
Matches	14;	Conservative	0;	Mismatches	2;	Indels	0;
QY	200	GTCTCTACCGAAAAAT	215				
Db	200	GTCTCTACCGAAAAAT	215				

RESULT 1025
US-09-495-444-33/c
; Sequence 33, Application US/09495444
; Patent No. 6300076
; GENERAL INFORMATION:
; APPLICANT: K Ster, Hubert
; TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/495,444
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/617,256
; FILING DATE: 18-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/406,199
; FILING DATE: 03-MAR-1995
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2002H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-587-5360
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-09-495-444-33
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 2004 CTGCAGGTGGAGGTG 2019
Db 18 CTGCAGGTGGAGGTG 3
RESULT 1026
US-09-354-138-53/c
; Sequence 53, Application US/09354138
; Patent No. 6309647
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Taylor, Jill
; APPLICANT: Gettig, Russell
; TITLE OF INVENTION: POXVIRUS - CANINE DISTEMPER VIRUS (CDV)
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
; TITLE OF INVENTION: RECOMBINANTS
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue, 25th Floor

CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/354,138
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,379
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/416,646
FILING DATE: 05-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/224,657
FILING DATE: 16-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/073,962
FILING DATE: 08-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/776,867
FILING DATE: 23-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/621,614
FILING DATE: 30-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/938,283
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/105,483
FILING DATE: 12-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/847,951
FILING DATE: 06-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/713,967
FILING DATE: 11-JUN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07,666,056
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2860
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-09-354-138-53
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 200 GTCTACCGAAAT 215
Db 18 GTCTACCGAAAT 3
RESULT 1027
US-09-026-039-83
; Sequence 83, Application US/09026039

GENERAL INFORMATION:

APPLICANT: Pisco, Pamela

APPLICANT: Schwabgen, James

APPLICANT: Schwabgen, Dan T.

APPLICANT: Schwabgen, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels

QY 1557 CTTCCCAACCCCTCA 1572
||||||| |||||
Db 2 CTTCCCAAGCCCTTA 17

RESULT 1030
US-08-599-738A-11/c
; Sequence 11, Application US/08599738A
; Patent No. 6380368
; GENERAL INFORMATION:
; APPLICANT: PROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,738A
; FILING DATE: 12-FEB-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/473,481
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/976,103
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/965,941
; FILING DATE: 23-OCT-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/799,824
; FILING DATE: 26-NOV-1991
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3D2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-599-738A-11

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1403 ATGAAGAAGAGAGA 1418
||||||| |||||
Db 18 AGGAAAAGAGAGAGA 3

RESULT 1031
US-08-744-481A-16/c
; Sequence 16, Application US/08744481A
; Patent No. 6428955
; GENERAL INFORMATION:
; APPLICANT: K ster, Hubert
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HELLER EHRMAN WHITE & MCAULIFFE
; STREET: 4250 Executive Square, Suite 700
; CITY: La Jolla
; STATE: California
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/744,481A
; FILING DATE: No. 6428955ember 6, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/617,256
; FILING DATE: March 18, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L.
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)450-8400
; TELEFAX: (617)587-5360
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-744-481A-16

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2004 CTGCAGGTGGAGGTG 2019
||||||| |||||
Db 18 CTGCAGGTGGAGGTG 3

RESULT 1032
US-09-000-286A-21
; Sequence 21, Application US/09000286A
; Patent No. 6449562
; GENERAL INFORMATION:
; APPLICANT: Luminex Corporation
; APPLICANT: Chandler, Van S.
; APPLICANT: Fulton, Jerrold R.
; APPLICANT: Chandler, Mark B.
; TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method

```

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1406 AAAAAGAGAAAGACCC 1421
      ||||| ||||| |||||
Db      18 AAAAACAGAAAACCC 3

RESULT 1035
US-09-920-760-84/C
; Sequence 84, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-920-760-84

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      691 GACCTACGGGATATCG 706
      ||| ||||| |||||
Db      16 GACGTGCGGGATATCG 1

RESULT 1036
US-09-796-416-33/C
; Sequence 33, Application US/09796416
; Patent No. 6500621
; GENERAL INFORMATION:
; APPLICANT: K'ster, Hubert
; TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe LLP
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/796,416
; FILING DATE: 28-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/504,245
; FILING DATE: 15-FEB-2000
; APPLICATION NUMBER: 09/495,444
; FILING DATE: 31-JAN-2000
; APPLICATION NUMBER: 09/287,679
; FILING DATE: 06-APR-1999
; APPLICATION NUMBER: 08/617,256
; FILING DATE: 18-MAR-1996
; APPLICATION NUMBER: 08/406,199
; FILING DATE: 03-MAR-1995
; ATTORNEY/AGENT INFORMATION:

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```

; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2002L
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-587-5360
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-796-416-33

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2004 CTCGAGTGGAGGTG 2019
Db 18 CTCGAGTGGAGGTG 3

RESULT 1037
US-09-535-370-51/c
; Sequence 51, Application US/09535370
; Patent No. 6537594
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TARTAGLIA, James
; COX, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
; NUMBER OF SEQUENCES: 217
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/535,370
; FILING DATE: 24-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/460,736
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2530
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-0712
; TELEFAX: (212) 840-0712
; TELEX: 425066CURTMS
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 51:
US-09-535-370-51

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2004 CTCGAGTGGAGGTG 2019
Db 18 CTCGAGTGGAGGTG 3

RESULT 1037
US-09-422-978-4190
; Sequence 4190, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPl
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4190
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-13868 for SEQ 256,
US-09-422-978-4190

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1334 AAGAGGAGGAGGAGGG 1349
Db 3 AAGAGGATGAAGAGGG 18

RESULT 1039
US-09-422-978-4910/c
; Sequence 4910, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPl
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4910
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-18612 for SEQ 976,
US-09-422-978-4910/c
```

```
1-09-422-978-4910
Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 1398 AGAGGATGAAGAG 1413
    ||||| ||||| |||||
b 16 AGAGGAGACAGAG 1

RESULT 1040
S-09-422-978-5052/c
Sequence 5052, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5052
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-20549 for SEQ 1118,
JS-09-422-978-5052

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 1422 ACAGGAGAGAGAG 1437
    ||||| ||||| |||||
b 17 ACAGGAGAGAGAGAG 2

RESULT 1041
US-09-422-978-7185
Sequence 7185, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7185
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
```

```
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-2726 for SEQ 3251,
US-09-422-978-7185

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1279 TCGATCTGCTCTCTG 1294
    ||||| ||||| |||||
Db 3 TCGATCTCTCTCTG 18

RESULT 1042
US-09-422-978-8664/c
Sequence 8664, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8664
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-17409 for SEQ 799, in complem
US-09-422-978-8664

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1327 GATTCGAGAGAGG 1342
    ||||| ||||| |||||
Db 16 GATTCGAGAGAGG 1

RESULT 1043
US-09-655-804B-51/c
Sequence 51, Application US/09655804B
Patent No. 6548251
GENERAL INFORMATION:
APPLICANT: KOZYAVKIN, Sergei
APPLICANT: MALYKH, Andrei
APPLICANT: POLOUCHINE, Nikolai
APPLICANT: SLESAREV, Alexei
TITLE OF INVENTION: INHIBITION OF MOLECULAR AND BIOLOGICAL PROCESSES USING MODIFIED
FILE REFERENCE: 107070
CURRENT APPLICATION NUMBER: US/09/655,804B
CURRENT FILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.0
SEQ ID NO 51
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
```

```
/ OTHER INFORMATION: Modified oligonucleotide
/ NAME/KEY: modified base
/ LOCATION: (11)..(11)
/ OTHER INFORMATION: 2'-methoxyoxalamido-2'-deoxycytidine
US-09-655-804B-51

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCACTGCTGCTCT 655
Db 18 GGTCACTGCTGCTCT 2

RESULT 1044
US-09-371-772B-1488
; Sequence 1488, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH800.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1488
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1488

Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 62.5%; Pred. No. 5.8e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 419 CAAGTCTGCTGAACT 434
Db 3 CAACUGCUUGAAACU 18

RESULT 1045
US-09-068-506-67
; Sequence 67, Application US/09068506A
; Patent No. 6569618
; GENERAL INFORMATION:
; APPLICANT: YASUE, Hirofumi
; APPLICANT: YOSHIMURA, Kumamoto
; TITLE OF INVENTION: DIAGNOSIS OF DISEASES ASSOCIATED WITH CORONARY
; FILE REFERENCE: 0032-245P
; CURRENT APPLICATION NUMBER: US/09/068,506A
; CURRENT FILING DATE: 1998-07-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primers
US-09-068-506-67
```

```
Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1560 CCCCAACCCCTCAGAT 1575
Db 1 CTCAGCCCTCAGAT 16

RESULT 1046
US-09-879-341-33/c
; Sequence 33, Application US/09879341
; Patent No. 6585485
; GENERAL INFORMATION:
; APPLICANT: Kster, Hubert
; TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe LLP
; STREET: 4350 La Jolla Village Drive
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92122-1246
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/09/879,341
; FILING DATE: 11-Jun-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/786,416
; FILING DATE: 28-FEB-2001
; APPLICATION NUMBER: 09/287,679
; FILING DATE: 06-APR-1999
; APPLICATION NUMBER: 08/617,256
; FILING DATE: 18-MAR-1996
; APPLICATION NUMBER: 08/406,199
; FILING DATE: 03-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2002M
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-879-341-33
```

```
Query Match          0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2004 CTCGAGGTGAGGTTG 2019
Db 18 CTGAGGTGAGGTTG 3

RESULT 1047
US-09-136-159A-51/c
; Sequence 51, Application US/09136159A
; Patent No. 6596279
; GENERAL INFORMATION:
```

APPLICANT: Virogenetics Corporation
APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I
TITLE OF INVENTION: Immunodeficiency recombinant poxvirus
FILE REFERENCE: 454310-2690.1
CURRENT APPLICATION NUMBER: US/09/136,159A
CURRENT FILING DATE: 1998-08-14
PRIOR APPLICATION NUMBER: US 08/417,210
PRIOR FILING DATE: 1995-04-05
PRIOR APPLICATION NUMBER: US 08/223,842
PRIOR FILING DATE: 1994-04-06
PRIOR APPLICATION NUMBER: US 07/837,382
PRIOR FILING DATE: 1992-06-11
PRIOR APPLICATION NUMBER: US 07/715,921
PRIOR FILING DATE: 1991-06-14
PRIOR APPLICATION NUMBER: US 08/105,483
PRIOR FILING DATE: 1993-08-12
PRIOR APPLICATION NUMBER: US 07/847,951
PRIOR FILING DATE: 1992-03-06
PRIOR APPLICATION NUMBER: US 07/713,967
PRIOR FILING DATE: 1991-06-11
PRIOR APPLICATION NUMBER: US 07/666,056
PRIOR FILING DATE: 1991-03-07
NUMBER OF SEQ ID NOS: 149
SOFTWARE: PatentIn version 3.1
SEQ ID NO 51
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide referred to as F73PB
S-09-136-159A-51
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Y 200 GTCTCTACCGAAAAAT 215
b 18 GTGTCTACCTAAAAAT 3
RESULT 1048
IS-09-724-877-33/c
Sequence 33, Application US/09724877
Patent No. 6602862
GENERAL INFORMATION:
APPLICANT: Koster, Hubert
Little, Daniel P.
Braun, Andreas
TITLE OF INVENTION: DNA Diagnostics Based on Mass Spectrometry
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe LLP
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037-9103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/724,877
FILING DATE: 28-NOV-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/287,679
FILING DATE: 06-APR-1999
APPLICATION NUMBER: 08/617,256
FILING DATE: 18-MAR-1996

APPLICATION NUMBER: 08/406,199
FILING DATE: 03-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2002K
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-724-877-33
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2004 CTCGAGGTGAGGTTG 2019
Db 18 CTCGAGTCGAGGTG 3
RESULT 1049
US-09-098-877B-45
Sequence 45, Application US/09098877B
Patent No. 6632633
GENERAL INFORMATION:
APPLICANT: SLIJKHUIS, HERMAN; SELTEN, GERARDUS CORNELIS
APPLICANT: MARIA; SMAAL, ERIC BASTIAN
TITLE OF INVENTION: PROCESS FOR OXIDATION OF STEROIDS AND
TITLE OF INVENTION: GENETICALLY ENGINEERED CELLS USED THEREIN
NUMBER OF SEQUENCES: 79
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/098,877B
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/418,085
FILING DATE: 06-APR-1995
APPLICATION NUMBER: US/08/054,185
FILING DATE: 26-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/002,608
FILING DATE: 11-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/474,857
FILING DATE: 30-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/474,798
FILING DATE: 16-JULY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/NL89/00072
FILING DATE: 25-SEPT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL/88/200904.6

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;
; FILING DATE: 06-MAY-88
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL/88/202080.3
; FILING DATE: 03-SEP-88
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 146.1169 CON-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: NUCLEIC ACID
; STRANDEDNESS: DOUBLE
; TOPOLOGY: UNKNOWN
; FEATURE:
; NAME/KEY:
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: REGION OF ADX mRNA/cDNA HOMOLOGOUS
; OTHER INFORMATION: TO THE PRIMERS, FIGURE 38
US-09-098-877B-45
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1655 CGAGCTCAGGCAGCT 1670
Db 1 CGAGCGCAGAGCAGCT 16

RESULT 1050
PCT-US93-12600-5
; Sequence 5, Application PC/TUS93/12600
; GENERAL INFORMATION:
; APPLICANT: Denner, Larry A.
; APPLICANT: Rege, Ajay A.
; TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Dressler, Goldsmith, Shore &
; ADDRESSER: Milnamow, Ltd.
; STREET: 180 North Stetson, Suite 4700
; City: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12600
; FILING DATE: 28-DEC-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,706
; FILING DATE: December 31, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Katz, Martin L.
; REGISTRATION NUMBER: 25,011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 616-5400
; TELEFAX: (312) 616-5460
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
```

```
;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US93-12600-5
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1082 ATTCAAGCTCCACAT 1097
Db 3 ACTTCCAGCTCCACAT 18

RESULT 1051
PCT-US95-00176A-9
; Sequence 9, Application PC/TUS95/00176A
; GENERAL INFORMATION:
; APPLICANT: Alan M. Gewirtz, Donald Small, Curt I. Civin.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES
; TITLE OF INVENTION: SPECIFIC FOR STK-1 AND METHOD FOR INHIBITING EXPRESSION OF TH
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL GONDA LAVORENA & MONACO
; STREET: Suite 1800, Penn Center Plaza
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/00176A
; FILING DATE: 6 January 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/183,211
; FILING DATE: 14 January 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 3957-14 PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: None
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
PCT-US95-00176A-9
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1535 TCCTGCTGAGTCCCTC 1550
Db 2 TCCGGCTGAGGCCCTC 17

RESULT 1052
US-07-879-647A-3/c
; Sequence 3, Application US/07879647A
; Patent No. 5266689
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
```

APPLICANT: Dashkevich, M.
APPLICANT: Elbrecht, A.
APPLICANT: Feighner, S.D.
APPLICANT: Liberator, P.A.
APPLICANT: Profous-Juchelka, H.
TITLE OF INVENTION: Eimeria Maxima DNA
TITLE OF INVENTION: Probes
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: 126 Lincoln Avenue
CITY: Rahway
STATE: New Jersey
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
MEDIUM TYPE: storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.4
SOFTWARE: Microsoft Word 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/879,647A
FILING DATE: 19920512
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/706,628
FILING DATE: 29-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Tribble, Jack L.
REGISTRATION NUMBER: 32,633
REFERENCE/DOCKET NUMBER: 184201A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-5321
TELEFAX: (908) 594-4720
TELEX: 138825
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 bases
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-879-647A-3

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1324 TCCGATTCTGAAGAGG 1339
b 18 TCCGATTCGAGAGG 3

RESULT 1053
US-07-879-584A-3/c
Sequence 3, Application US/07879584A
Patent No. 5278298
GENERAL INFORMATION:
APPLICANT: Chakraborty, P.R.
APPLICANT: Dashkevich, M.
APPLICANT: Elbrecht, A.
APPLICANT: Feighner, S.D.
APPLICANT: Liberator, P.A.
APPLICANT: Profous-Juchelka, H.
TITLE OF INVENTION: Eimeria Brunetti DNA
TITLE OF INVENTION: Probes
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: 126 Lincoln Avenue
CITY: Rahway
STATE: New Jersey
COUNTRY: USA

ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
MEDIUM TYPE: storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.4
SOFTWARE: Microsoft Word 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/879,584A
FILING DATE: 19920512
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/706,717
FILING DATE: 29-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Tribble, Jack L.
REGISTRATION NUMBER: 32,633
REFERENCE/DOCKET NUMBER: 184191A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-5321
TELEFAX: (908) 594-4720
TELEX: 138825
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 bases
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-879-584A-3

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1324 TCCGATTCTGAAGAGG 1339
Db 18 TCCGATTCGAGAGG 3

RESULT 1054
US-07-879-470A-3/c
Sequence 3, Application US/07879470A
Patent No. 5288845
GENERAL INFORMATION:
APPLICANT: Chakraborty, P.R.
APPLICANT: Dashkevich, M.
APPLICANT: Elbrecht, A.
APPLICANT: Feighner, S.D.
APPLICANT: Liberator, P.A.
APPLICANT: Profous-Juchelka, H.
TITLE OF INVENTION: Eimeria Necatrix DNA
TITLE OF INVENTION: Probes
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: 126 Lincoln Avenue
CITY: Rahway
STATE: New Jersey
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
MEDIUM TYPE: storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.4
SOFTWARE: Microsoft Word 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/879,470A
FILING DATE: 19920512
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/706,351
FILING DATE: 29-MAY-1991


```
; ATTORNEY/AGENT INFORMATION:
; NAME: Tribble, Jack L.
; REGISTRATION NUMBER: 32,633
; REFERENCE/DOCKET NUMBER: .184221A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-5321
; TELEFAX: (908) 594-4720
; TELEX: 138825
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-879-470A-3

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1324 TCCGATTCTGAAGAGG 1339
Db 18 TCCGATTCGGAGAGG 3

RESULT 1055
US-07-879-644A-3/c
; Sequence 3, Application US/07879644A
; Patent No. 5298613
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
; APPLICANT: Dashkevich, M.
; APPLICANT: Elbrecht, A.
; APPLICANT: Feighner, S.D.
; APPLICANT: Liberator, P.A.
; TITLE OF INVENTION: Eimeria Aereulina DNA
; TITLE OF INVENTION: Probes
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: 126 Lincoln Avenue
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 KB
; MEDIUM TYPE: storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.4
; SOFTWARE: Microsoft Word 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/879,644A
; FILING DATE: 19920512
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/706,817
; FILING DATE: 29-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Tribble, Jack L.
; REGISTRATION NUMBER: 32,633
; REFERENCE/DOCKET NUMBER: .184181A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-5321
; TELEFAX: (908) 594-4720
; TELEX: 138825
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
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US-07-879-644A-3

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1324 TCCGATTCTGAAGAGG 1339
Db 18 TCCGATTCGGAGAGG 3

RESULT 1056
US-07-879-640A-3/c
; Sequence 3, Application US/07879640A
; Patent No. 5359050
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
; APPLICANT: Dashkevich, M.
; APPLICANT: Elbrecht, A.
; APPLICANT: Feighner, S.D.
; APPLICANT: Liberator, P.A.
; TITLE OF INVENTION: Eimeria Mitis DNA
; TITLE OF INVENTION: Probes
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: 126 Lincoln Avenue
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 KB
; MEDIUM TYPE: storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.4
; SOFTWARE: Microsoft Word 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/879,640A
; FILING DATE: 19920512
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/706,355
; FILING DATE: 29-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Tribble, Jack L.
; REGISTRATION NUMBER: 32,633
; REFERENCE/DOCKET NUMBER: .184211A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-5321
; TELEFAX: (908) 594-4720
; TELEX: 138825
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-879-640A-3

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1324 TCCGATTCTGAAGAGG 1339
Db 18 TCCGATTCGGAGAGG 3

RESULT 1057
US-07-879-594A-3/c
; Sequence 3, Application US/07879594A
```

Patent No. 5449768
GENERAL INFORMATION:
APPLICANT: Chakraborty, P.R.
APPLICANT: Dashkevich, M.
APPLICANT: Elbrecht, A.
APPLICANT: Feigner, S.D.
APPLICANT: Feigner, P.A.
APPLICANT: Profous-Juchelka, H.
TITLE OF INVENTION: Bimera Praecox DNA
TITLE OF INVENTION: Probes
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: 126 Lincoln Avenue
CITY: Rahway
STATE: New Jersey
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
MEDIUM TYPE: storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.4
SOFTWARE: Microsoft Word 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/879,469A
FILING DATE: 19920512
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/706,362
FILING DATE: 29-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Tribble, Jack L.
REGISTRATION NUMBER: 32,633
REFERENCE/DOCKET NUMBER: .184231A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-5321
TELEFAX: (908) 594-4720
TELEX: 138825
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 bases
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-879-469A-3
Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1324 TCCGATTCTCGAGAGG 1339
Db 18 TCCGATTCTCGAGAGG 3
RESULT 1059
US-08-505-509-26
Sequence 26, Application US/08505509
Patent No. 5776680
GENERAL INFORMATION:
APPLICANT: Liebowitz, Michael J.
APPLICANT: Liu, Yong
TITLE OF INVENTION: Diagnostic Probes for
TITLE OF INVENTION: Pneumocystis Carinii
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Richard R. Muccino
STREET: P.O. Box 1267
CITY: Princeton
STATE: New Jersey
COUNTRY: USA
ZIP: 08551
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/505,509
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/298,087
FILING DATE:
APPLICATION NUMBER: US/07/922,987
FILING DATE: 30-JUL-1992

Patent No. 5449768
GENERAL INFORMATION:
APPLICANT: Chakraborty, P.R.
APPLICANT: Dashkevich, M.
APPLICANT: Elbrecht, A.
APPLICANT: Feigner, S.D.
APPLICANT: Feigner, P.A.
APPLICANT: Profous-Juchelka, H.
TITLE OF INVENTION: Bimera Praecox DNA
TITLE OF INVENTION: Probes
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: 126 Lincoln Avenue
CITY: Rahway
STATE: New Jersey
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
MEDIUM TYPE: storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.4
SOFTWARE: Microsoft Word 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/879,594A
FILING DATE: 19920512
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/706,360
FILING DATE: 29-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Tribble, Jack L.
REGISTRATION NUMBER: 32,633
REFERENCE/DOCKET NUMBER: .184231A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-5321
TELEFAX: (908) 594-4720
TELEX: 138825
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 bases
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-879-594A-3
Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1324 TCCGATTCTCGAGAGG 1339
Db 18 TCCGATTCTCGAGAGG 3
RESULT 1058
US-07-879-469A-3/c
Sequence 3, Application US/07879469A
Patent No. 5563256
GENERAL INFORMATION:
APPLICANT: Chakraborty, P.R.
APPLICANT: Dashkevich, M.
APPLICANT: Elbrecht, A.
APPLICANT: Feigner, S.D.
APPLICANT: Feigner, P.A.
APPLICANT: Profous-Juchelka, H.
TITLE OF INVENTION: Bimera Praecox DNA
TITLE OF INVENTION: Probes
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: 126 Lincoln Avenue

ATTORNEY/AGENT INFORMATION:
NAME: Muccino, Richard R.
REGISTRATION NUMBER: 32,538
REFERENCE/DOCKET NUMBER: UMD1-009
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 466-3407
TELEFAX: (609) 466-2760
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-505-509-26

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 498 CGAGGCATCTGGCTTC 513
|||||

Db 3 CGAGGCATTTGGCTAC 18
|||||

RESULT 1060
US-08-832-883-30
Sequence 30, Application US/08832883
Patent No. 5807681
GENERAL INFORMATION:
APPLICANT: Giordano, Antonio
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 8321-13 US1
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS
OF CANCER
NUMBER OF SEQUENCES: 115
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.
STREET: Suite 1800 Two Penn Center Plaza
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/832,883
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Monaco, Daniel A
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 8321-13 US1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-8383
TELEFAX: (215) 568-5549
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-832-883-30

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1444 GAAGAGGAGAAACCA 1459
|||||

Db 4 GAAGAGGTGAAATCA 19
|||||

RESULT 1061
US-08-832-877-30
Sequence 30, Application US/08832877
Patent No. 5840506
GENERAL INFORMATION:
APPLICANT: Giordano, Antonio
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 8321-13 US2
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS OF
CANCER
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.
STREET: Suite 1800 Two Penn Center Plaza
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/832,877
FILING DATE:
CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: Monaco, Daniel A
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 8321-13 US2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-8383
TELEFAX: (215) 568-5549
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-832-877-30

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1444 GAAGAGGAGAAACCA 1459
|||||

Db 4 GAAGAGGTGAAATCA 19
|||||

RESULT 1062
US-08-491-690A-26
Sequence 26, Application US/08491690A
Patent No. 5849484
GENERAL INFORMATION:
APPLICANT: Leibowitz, Michael J.
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 8321-13 US1
TITLE OF INVENTION: In Vitro Assay For Inhibitors
OF THE INTRON SELF-SPLICING REACTION IN PNEUMOCYSTIS CARINII
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: Richard R. Muccino
STREET: 758 Springfield Avenue
CITY: Summit
STATE: New Jersey
COUNTRY: USA
ZIP: 07901
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

```

;
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-491-690A-34

Query Match          0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 498 CGAGGCATCTGGCTTC 513
Db 3 CGAGGCATTGGCTAC 18

RESULT 1064
US-08-496-944-5
; Sequence 5, Application US/08496944
; Patent No. 6040496
; GENERAL INFORMATION:
; APPLICANT: Law, Marcus D
; APPLICANT: Dietz, Jon M
; TITLE OF INVENTION: Use of Translationally altered RNA to
; TITLE OF INVENTION: Confer Resistance to Maize Dwarf Mosaic Virus and Other
; TITLE OF INVENTION: Monocotyledonous Plant Viruses
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-Geigy Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: NY
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/496,944
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Elmer, James Scott
; REGISTRATION NUMBER: 36,129
; REFERENCE/DOCKET NUMBER: CGC 1814
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "first synthetic PAT gene
; DESCRIPTION: primer"
; HYPOTHETICAL: NO
; US-08-496-944-5

Query Match          0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1438 GTCACCGAAGAGGAGA 1453
Db 2 GTCCTCGGAGAGGAGA 17

RESULT 1065
US-08-950-720A-3/c
; Sequence 3, Application US/08950720A
; Patent No. 6046028
```

GENERAL INFORMATION:
APPLICANT: Conklin, Darrell C.
APPLICANT: Lofton-Day, Catherine E.
APPLICANT: Lok, Si
APPLICANT: Jaspers, Stephen R.
TITLE OF INVENTION: INSULIN HOMOLOG
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: ZymoGenetics, Inc.
STREET: 1201 Eastlake Avenue East
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/950,720A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sawislak, Deborah A
REGISTRATION NUMBER: 37,438
REFERENCE/DOCKET NUMBER: 96-09
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-442-6672
TELEFAX: 206-442-6678
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
CLONE: ZC11142
US-08-950-720A-3

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 615 AGAGGCGCTTCTACACC 630
||| ||||| |||||
Db 18 AGATGCGTTCCTCACC 3

RESULT 1066
US-09-280-409-5
Sequence 5, Application US/09280409
Patent No. 6107092
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
APPLICANT: C. Frank Bennett
APPLICANT: Bert W. O'Malley
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
FILE REFERENCE: RTS-0048
CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 146
SEQ ID NO 5
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-09-280-409-5

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 142 GGCCACCCCAATGAAGC 157
||||| ||||| |||||
Db 3 GGCCACACACAGGAAGC 18

RESULT 1067
US-09-089-111-1
Sequence 1, Application US/09089111
Patent No. 6162965
GENERAL INFORMATION:
APPLICANT: Hansen, Genevieve
TITLE OF INVENTION: Plant Transformation Methods
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6162965artis Corporation
STREET: 3054 Cornwallis Rd.
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/089,111
FILING DATE: 02-Jun-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Hoxie, Thomas
REGISTRATION NUMBER: 32,993
REFERENCE/DOCKET NUMBER: CGC1928/R
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-541-8614
TELEFAX: 919-541-8689
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
IMMEDIATE SOURCE:
CLONE: PAT1
US-09-089-111-1

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1438 GTCACCGAGAGGAGA 1453
||||| ||||| |||||
Db 2 GTCTCGGAGAGGAGA 17

RESULT 1068
US-08-617-010C-11/c
Sequence 11, Application US/08617010C
Patent No. 6194144
GENERAL INFORMATION:
APPLICANT: Hubert K ster
TITLE OF INVENTION: DNA SEQUENCING BY MASS SPECTROMETRY
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe

US-09-522-800-9

STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037-9103

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/617,010C
FILING DATE: 18-MAR-1996
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/178,216
FILING DATE: 06-JAN-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/001,323
FILING DATE: 07-JAN-1993

ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 24736-2012
TELEPHONE: 858-450-8400
TELEFAX: 619-587-5360
TELEX:

INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA

FEATURE:
NAME/KEY: misc_feature
LOCATION: 17
OTHER INFORMATION: /note= "All lowercase letters represent Ribog"

OTHER INFORMATION: represent Ribog"

US-08-617-010C-11

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 2004 CTGCAGGTGGAGGTG 2019
18 CTGCAGGTGGAGGTG 3

Db

RESULT 1069

US-09-522-800-9/c
Sequence 9, Application US/09522800
Patent No. 621164

GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Lan, Yuo
APPLICANT: Giranda, Vincent L.
APPLICANT: Rockow-Magnone, Shayna K.

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES OF THE HUMAN
TITLE OF INVENTION: CHK1 GENE AND USES THEREOF
FILE REFERENCE: 6675.US.01

CURRENT APPLICATION NUMBER: US/09/522,800
CURRENT FILING DATE: 2000-03-10
NUMBER OF SEQ ID NOS: 17

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: CHK1-ss5

US-09-522-800-9

STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037-9103

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/617,010C
FILING DATE: 18-MAR-1996
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/178,216
FILING DATE: 06-JAN-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/001,323
FILING DATE: 07-JAN-1993

ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 24736-2012
TELEPHONE: 858-450-8400
TELEFAX: 619-587-5360
TELEX:

INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA

FEATURE:
NAME/KEY: misc_feature
LOCATION: 17
OTHER INFORMATION: /note= "All lowercase letters represent Ribog"

OTHER INFORMATION: represent Ribog"

US-08-617-010C-11

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 2004 CTGCAGGTGGAGGTG 2019
18 CTGCAGGTGGAGGTG 3

Db

RESULT 1070

US-09-566-591-11/c
Sequence 11, Application US/09566591
Patent No. 6238871

GENERAL INFORMATION:
APPLICANT: Hubert K'ster
TITLE OF INVENTION: DNA SEQUENCING BY MASS SPECTROMETRY
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037-9103

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/566,591
FILING DATE: 08-May-2000
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/617,010
FILING DATE: 18-MAR-1996
APPLICATION NUMBER: 08/178,216
FILING DATE: 06-JAN-1994
APPLICATION NUMBER: 08/001,323
FILING DATE: 07-JAN-1993

ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2012B
TELEPHONE: 858-450-8400
TELEFAX: 858-587-5360
TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA

FEATURE:
NAME/KEY: misc_feature
LOCATION: 17
OTHER INFORMATION: /note= "All lowercase letters represent Ribog"

SEQUENCE DESCRIPTION: SEQ ID NO: 11:

US-09-566-591-11

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2004 CTGCAGGTGGAGGTG 2019
18 CTGCAGGTGGAGGTG 3

Db

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RESULT 1071
US-09-338-907-478
; Sequence 478, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18C1PC
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 478
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 99-147-181.misl
US-09-338-907-478
Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1403 ATGAAAAAGAGAAAGA 1418
Db 2 ATGAAAAAGAGCATGA 17

RESULT 1072
US-08-718-388-15/c
; Sequence 15, Application US/08718388
; Patent No. 6271362
; GENERAL INFORMATION:
; APPLICANT: MORIKAWA, MINORU
; APPLICANT: HARADA, NAOKI
; TITLE OF INVENTION: GENE ENCODING Igg Fc REGION-BINDING
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSER: BIRCH, STEWART, KOLASCH AND BIRCH
; STREET: PO BOX 747
; CITY: FALLS CHURCH
; STATE: VA
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/718,388
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURPHY JR, GERALD M
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 0230-111
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 205-8000
```

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TELEFAX: (703) 205-8050
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-718-388-15
Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 184 TTGCTGCTCAACTATG 199
Db 18 TCGCTGCCCAACTATG 3

RESULT 1073
US-09-218-207-478
; Sequence 478, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 478
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 99-147-181.misl
US-09-218-207-478
Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1403 ATGAAAAAGAGAAAGA 1418
Db 2 ATGAAAAAGAGCATGA 17

RESULT 1074
US-09-345-882-89
; Sequence 89, Application US/09345882
; Patent No. 6399373
; GENERAL INFORMATION:
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
; FILE REFERENCE: GENSET.031A
; CURRENT APPLICATION NUMBER: US/09/345,882
; CURRENT FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: 60/091,315
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: 60/111,909
; PRIOR FILING DATE: 1998-12-10
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0.


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RESULT 1078
US-08-388-852B-27
; Sequence 27, Application US/08388852B
; Patent No. 6500919
; GENERAL INFORMATION:
; APPLICANT: Adema, Gosse Jan; Figdor, Carl Gustav.
; TITLE OF INVENTION: Melanoma associated antigenic polypeptide,
; TITLE OF INVENTION: epitopes thereof and vaccine against melanoma.
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Adema, Gosse Jan; Figdor, Carl Gustav
; STREET: Philips van Leydenlaan 25
; CITY: Nijmegen
; STATE: Brabant
; COUNTRY: the Netherlands
; ZIP: 6525 EX
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA: US/08/388,852B
; APPLICATION NUMBER: US/08/388,852B
; FILING DATE: February 15, 1995
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEetical: NO
; ANTI-SENSE: NO
US-08-388-852B-27

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 258 CAAGTACCACAGGCAT 273
Db 3 CAAGGACCACAGGCAT 18

RESULT 1079
US-09-422-978-5302
; Sequence 5302, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5302
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19_-bind
; OTHER INFORMATION: upstream amplification primer 99-23334 for SEQ 1368,

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US-09-422-978-5302

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1712 CTTCGCGTCTTAACT 1727
Db 2 CTTCGCGTCTTAACT 17

RESULT 1080
US-09-422-978-5401/c
; Sequence 5401, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5401
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19_-bind
; OTHER INFORMATION: upstream amplification primer 99-2524 for SEQ 1467,
US-09-422-978-5401

Query Match 0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1462 GAGGAGAGCCAGAG 1477
Db 19 GTGGAGAGCCAGATG 4

RESULT 1081
US-09-422-978-6462
; Sequence 6462, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6462
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:

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NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-11601 for SEQ 2528,
S-09-422-978-6462

Query Match      0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 1165 GAGAACCTTAGAATGC 1180
|||||
b 4 GAGAACCTCAGATAC 19

RESULT 1082
US-09-105-470B-24/c
; Sequence 24, Application US/09105470B
; Patent No. 6617129
GENERAL INFORMATION:
; APPLICANT: Carter, Kenneth C.
; He, Wei-Wu
TITLE OF INVENTION: Human NK-3 Related Prostate Specific
Gene-1
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
; STREET: 1100 NEW YORK AVE., NW, SUITE 600
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/105,470B
; FILING DATE: 26-Jun-1998
; CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/051,080
; FILING DATE: 27-JUN-1997
ATTORNEY/AGENT INFORMATION:
; NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.0790001
TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-309-8504
; TELEFAX: 301-309-8439
INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-09-105-470B-24

Query Match      0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 1375 AAAAAGCCAGAGAG 1390
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b 16 AAAAAGCCATTAGAG 1

RESULT 1083
US-09-831-642-52
; Sequence 52, Application US/09831642
; Patent No. 6635751
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GENERAL INFORMATION:
; APPLICANT: HAZE, Kyouke et al.
; TITLE OF INVENTION: ENDOPLASMIC RETICULUM STRESS TRANSCRIPTION FACTORS ATF6 AND CREB
; FILE REFERENCE: 1422-0474P
; CURRENT APPLICATION NUMBER: US/09/831,642
; CURRENT FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Ricinus communis
US-09-831-642-52

Query Match      0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 178 CATTAATTGCTGCTCA 193
|||||
b 2 CATCTTGCTGCTCA 17

RESULT 1084
PCT-US91-03680-2/c
; Sequence 2, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 10
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N4N4-ethanocytosine deoxynucleotide"
PCT-US91-03680-2

Query Match      0.6%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Query Match	Best Local Similarity	Score	DB 1; Length	DB 2; Length	Mismatches	Indels	Gaps
1403 ATGAAAAGAGAGAGA 1418	18 AGGAAAAGAGAGAGA 3	0.6%;	Score 12.8; DB 1; Length 20;	Score 12.8; DB 2; Length 24;	0;	0;	0;
<p>SEQUENCE CHARACTERISTICS:</p> <p>LENGTH: 24 base pairs</p> <p>TYPE: nucleic acid</p> <p>STRANDEDNESS: both</p> <p>TOPOLOGY: linear</p> <p>MOLECULE TYPE: DNA</p> <p>HYPOTHETICAL: NO</p> <p>ANTI-SENSE: NO</p> <p>ORIGINAL SOURCE:</p> <p>INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5</p> <p>US-08-478-470-7</p>							
1585 TCTATTCTCTGCTATTATATA 1608	1 TATATATATATTTTATATATA 24	0.6%;	Score 12.8; DB 1; Length 20;	Score 12.8; DB 2; Length 24;	0;	0;	0;
<p>SEQUENCE CHARACTERISTICS:</p> <p>LENGTH: 24 base pairs</p> <p>TYPE: nucleic acid</p> <p>STRANDEDNESS: both</p> <p>TOPOLOGY: linear</p> <p>MOLECULE TYPE: DNA</p> <p>HYPOTHETICAL: NO</p> <p>ANTI-SENSE: NO</p> <p>ORIGINAL SOURCE:</p> <p>INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5</p> <p>US-08-478-470-9</p>							
1796 AATGCGAAGTCCCTG 1811	20 AGATGCCAATGCCCTG 5	0.6%;	Score 12.8; DB 1; Length 20;	Score 12.8; DB 2; Length 24;	0;	0;	0;
<p>SEQUENCE CHARACTERISTICS:</p> <p>LENGTH: 24 base pairs</p> <p>TYPE: nucleic acid</p> <p>STRANDEDNESS: both</p> <p>TOPOLOGY: linear</p> <p>MOLECULE TYPE: DNA</p> <p>HYPOTHETICAL: NO</p> <p>ANTI-SENSE: NO</p> <p>ORIGINAL SOURCE:</p> <p>INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5</p> <p>US-08-478-470-9</p>							

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FEATURE:
NAME/KEY: misc_feature
LOCATION: 3..4
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9..10
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OTHER INFORMATION: bond is "np"
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NAME/KEY: misc_feature
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OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 17..18
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OTHER INFORMATION: bond is "np"
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NAME/KEY: misc_feature
LOCATION: 19..20
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 21..22
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 23..24
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
S-08-478-470-9
Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0;

Y 1585 TCTATTTCTCTGTGTTATATATA 1608
|||||
b 1 TATATATATATTTTATATATA 24

RESULT 1088
US-08-214-599-7
Sequence 7, Application US/08214599
Patent No. 5599922
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
TITLE OF INVENTION: Oligonucleotide N3'-P5'
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850

FEATURE:
NAME/KEY: misc_feature
LOCATION: 3..4
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9..10
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 15..16
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 17..18
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 19..20
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 21..22
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 23..24
OTHER INFORMATION: /note= "where the intersubunit
OTHER INFORMATION: bond is "np"
S-08-478-470-9
Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0;

Y 1585 TCTATTTCTCTGTGTTATATATA 1608
|||||
b 1 TATATATATATTTTATATATA 24

RESULT 1088
US-08-214-599-7
Sequence 7, Application US/08214599
Patent No. 5599922
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
TITLE OF INVENTION: Oligonucleotide N3'-P5'
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850
```

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/214,599
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
US-08-214-599-7
Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0;

Qy 1585 TCTATTTCTCTGTGTTATATATA 1608
|||||
Db 1 TATATATATATTTTATATATA 24

RESULT 1089
US-08-214-599-9
Sequence 9, Application US/08214599
Patent No. 5599922
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
TITLE OF INVENTION: Oligonucleotide N3'-P5'
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/214,599
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
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/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 1..2
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 3..4
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 5..6
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 7..8
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 9..10
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 11..16
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 17..18
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 19..20
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 21..22
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 23..24
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ US-08-214-599-9
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Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1585 TCTATTCTCTGTGTTATATATA 1608
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Db 1 TATATATATATTTTATATATA 24
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RESULT 1090
US-08-473-015-7
; Sequence 7, Application US/08473015
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/ Patent No. 5631135
/ GENERAL INFORMATION:
/ APPLICANT: Gryaznov, Sergei
/ TITLE OF INVENTION: Oligonucleotide N3'-P5'
/ TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
/ NUMBER OF SEQUENCES: 27
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dehlinger & Associates
/ STREET: P.O. Box 60850
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94306-0850
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/473,015
/ FILING DATE: 06-JUN-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/214,599
/ FILING DATE: 18-MAR-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fabian, Gary R.
/ REGISTRATION NUMBER: 33,875
/ REFERENCE/DOCKET NUMBER: 5525-0012
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 324-0880
/ TELEFAX: (415) 324-0960
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
/ US-08-473-015-7
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Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1585 TCTATTCTCTGTGTTATATATA 1608
| | | | | | | | | | | | | | | |
Db 1 TATATATATATTTTATATATA 24
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RESULT 1091
US-08-473-015-9
; Sequence 9, Application US/08473015
; Patent No. 5631135
/ GENERAL INFORMATION:
/ APPLICANT: Gryaznov, Sergei
/ TITLE OF INVENTION: Oligonucleotide N3'-P5'
/ TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
/ NUMBER OF SEQUENCES: 27
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dehlinger & Associates
/ STREET: P.O. Box 60850
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94306-0850
/ COMPUTER READABLE FORM:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,015
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,599
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..2
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 3..4
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OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9..10
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 11..16
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 17..18
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 19..20
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 21..22
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"

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; OTHER INFORMATION: is "np"
;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 23..24
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
;
US-08-473-015-9
Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 1585 TCTATTTCTCTGCTATTATATA 1608
Db 1 TATATATATATTTTATATATA 24

RESULT 1092
US-08-465-368-7
; Sequence 7, Application US/08465368
; Patent No. 5726297
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Schultz, Ronald G.
; APPLICANT: Chen, Jer-kang
; TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE
; TITLE OF INVENTION: N3'P5'PHOSPHORAMIDATES: USES AND
; TITLE OF INVENTION: COMPOSITIONS THEREOF
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,368
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/210,505
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
;
US-08-465-368-7
Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 1585 TCTATTTCTCTGCTATTATATA 1608

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Db      1 TATATATATATTTTATATATA 24
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RESULT 1093
US-08-465-368-9
; Sequence 9, Application US/08465368
; Patent No. 5726297
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Schultz, Ronald G.
; APPLICANT: Chen, Jer-kang
; TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE
; TITLE OF INVENTION: N3'PS/PHOSPHORAMIDATES: USES AND
; TITLE OF INVENTION: COMPOSITIONS THEREOF
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/465,368
; APPLICATION NUMBER: US/08/465,368
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/210,505
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"

;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 9..10
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 15..16
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 17..18
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 19..20
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 21..22
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 23..24
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-465-368-9
Query Match 0.8%; Score 12.8; DB 1; Length 24;
Best local Similarity 70.8%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1585 TCTATTTCTCTGTATTTATATA 1608
|||||
Db 1 TATATATATATTTTATATATA 24
|||||

RESULT 1094
US-08-477-306-7
; Sequence 7, Application US/08477306
; Patent No. 5837835
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-p5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/477,306
; APPLICATION NUMBER: US/08/477,306
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/214,599
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
```

REFERENCE/DOCKET NUMBER: 5525-0012
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
IS-08-477-306-7
Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
yy 1585 TCTATTTCTCTGCTGATTATATA 1608
yb 1 TATATATATATATTTTATATATATA 24
RESULT 1095
IS-08-477-306-9
Sequence 9, Application US/08477306
Patent No. 5837835
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
TITLE OF INVENTION: Oligonucleotide N3'-p5'
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,306
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/214,599
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..2
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 3..4
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9..10
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 15..16
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 17..18
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 19..20
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 21..22
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 23..24
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
US-08-477-306-9
Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
QY 1585 TCTATTTCTCTGCTGATTATATA 1608
DB 1 TATATATATATATTTTATATATATA 24
RESULT 1096
US-08-700-448-7
Sequence 7, Application US/08700448
Patent No. 5965720
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei et al.
TITLE OF INVENTION: Oligonucleotide N3'-p5'
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates

STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/700,448
FILING DATE: 01/10/97
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Vincent M. Powers
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0012.10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
US-08-700-448-7

Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1585 TCTATTCTCTGTGTTATATATA 1608
DB 1 TATATATATATTTTATATATA 24

RESULT 1097
US-08-700-448-9
Sequence 9, Application US/08700448
Patent No. 5965720
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei et al.
TITLE OF INVENTION: Oligonucleotide N3'-p5'
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESS: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/700,448
FILING DATE: 01/10/97
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Vincent M. Powers
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0012.10

TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..2
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 3..4
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9..10
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 15..16
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 17..18
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 19..20
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 21..22
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 23..24
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
US-08-700-448-9

Query Match 0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1585 TCTATTCTCTGTGTTATATATA 1608
DB 1 TATATATATATTTTATATATA 24

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RESULT 1098
S-08-923-386A-7
Sequence 7, Application US/08923386A
Patent No. 6169170
GENERAL INFORMATION:
  APPLICANT: Gryaznov, Sergei
  TITLE OF INVENTION: Oligonucleotide N3'-p5'
  TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
  TITLE OF INVENTION: Properties
  NUMBER OF SEQUENCES: 27
  CORRESPONDENCE ADDRESS:
  ADDRESSEE: Dehlinger & Associates
  STREET: P.O. Box 60850
  CITY: Palo Alto
  STATE: CA
  COUNTRY: USA
ZIP: 94306-0850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/923,386A
  FILING DATE:
  CLASSIFICATION: 514
  ATTORNEY/AGENT INFORMATION:
  NAME: Fabian, Gary R.
  REGISTRATION NUMBER: 33,875
  REFERENCE/DOCKET NUMBER: 5525-0012
  TELEPHONE: (415) 324-0880
  TELEFAX: (415) 324-0960
  INFORMATION FOR SEQ ID NO: 9:
  SEQUENCE CHARACTERISTICS:
    LENGTH: 24 base pairs
    TYPE: nucleic acid
    STRANDEDNESS: both
    TOPOLOGY: linear
    MOLECULE TYPE: DNA
    HYPOTHETICAL: NO
    ANTI-SENSE: NO
  ORIGINAL SOURCE:
    INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 6
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 1..22
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 3..4
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 5..6
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 7..8
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 9..10
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 15..16
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 17..18
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 19..20
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"
  FEATURE:
    NAME/KEY: misc_feature
    LOCATION: 21..22
    OTHER INFORMATION: /note= "where the intersubunit bond
    OTHER INFORMATION: is "np"

Query Match      0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

dy 1585 TCTATTTCTCTGTGATTATATATA 1608
db 1 TATATATATATTTTATATATATA 24

RESULT 1099
S-08-923-386A-9
Sequence 9, Application US/08923386A
Patent No. 6169170
GENERAL INFORMATION:
  APPLICANT: Gryaznov, Sergei
  TITLE OF INVENTION: Oligonucleotide N3'-p5'
  TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
  TITLE OF INVENTION: Properties
  NUMBER OF SEQUENCES: 27
  CORRESPONDENCE ADDRESS:
  ADDRESSEE: Dehlinger & Associates
  STREET: P.O. Box 60850
  CITY: Palo Alto
  STATE: CA
  COUNTRY: USA

```

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FEATURE:
NAME/KEY: misc.feature
LOCATION: 23..24
OTHER INFORMATION: /note="where the intersubunit bond
OTHER INFORMATION: is "np"
US-08-923-386A-9

Query Match          0.6%; Score 12.8; DB 1; Length 24;
Best Local Similarity 70.8%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1585 TCTATTCTCTGTGTTATATATA 1608
Db 1 TATATATATATTTTATATATATA 24

RESULT 1100
US-08-388-381-2
Sequence 2, Application US/08388381
Patent No. 5552283
GENERAL INFORMATION:
APPLICANT: Diamandis, Eleftherios
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for diagnosis
TITLE OF INVENTION: and Targeted Screening for p53 Mutations
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,381
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,946
FILING DATE: 08-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
NAME/KEY: primer for exon 1 of human p53 gene
US-08-388-381-2

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 1560 CCCACCCCTCAGATTTT 1578
Db 1 CCCCAGCCCCAGCATTTT 19

RESULT 1101
US-08-164-200-9
Sequence 9, Application US/08164200
Patent No. 5552390
GENERAL INFORMATION:
APPLICANT: Scholar, Eric M.
APPLICANT: Iverson, Patrick L.
TITLE OF INVENTION: Phosphorothioate Inhibitors of Metastatic
TITLE OF INVENTION: Breast Cancer
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zarley, McKee, Thomte, Voorhees, & Sease
STREET: 801 Grand Avenue Suite 3200
CITY: Des Moines
STATE: Iowa
COUNTRY: United States
ZIP: 50309
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/164,200
FILING DATE: December 9, 1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Nebel, Heidi Sease
REGISTRATION NUMBER: P-37,719
REFERENCE/DOCKET NUMBER: UNMC #E3054
TELEPHONE: (515) 288-3667
TELEFAX: (515) 288-1338
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: mRNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-164-200-9

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 704 TCGGGGCTGGCAAGGCAA 722
Db 1 TCGTGGTGGCACAGGCAA 19

RESULT 1102
US-08-222-177A-121/c
Sequence 121, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
```

APPLICANT: MABILIAT et al.
 TITLE OF INVENTION: DNA FRAGMENTS OF MYCOBACTERIA, AMPLIFICATION
 OF INVENTION: PRIMERS, HYBRIDIZATION PROBES, REAGENTS AND METHOD FOR THE DETECTION OF MYCOBACTERIA
 TITLE OF INVENTION: MYCOBACTERIA
 NUMBER OF SEQUENCES: 23
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Oliff & Berridge
 STREET: 700 South Washington Street, Suite 300
 CITY: Alexandria,
 STATE: Virginia
 ZIP: 22314
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" DS/HD
 COMPUTER: IBM compatible
 OPERATING SYSTEM: MS DOS 3.1
 SOFTWARE: Wordperfect
 CURRENT APPLICATION DATA:
 FILING DATE: August 12, 1993
 APPLICATION NUMBER: US/08/105,168B
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: FR9210094
 FILING DATE: August 8, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: William P. Berridge
 REGISTRATION NUMBER: 30,024

```

? CLASSIFICATION: 435
? ATTORNEY/AGENT INFORMATION:
? NAME: Salwanchik, David R.
? REGISTRATION NUMBER: 31,794
? REFERENCE/DOCKET NUMBER: MA94
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (904) 375-8100
? TELEFAX: (904) 372-5900
? INFORMATION FOR SEQ ID NO: 6:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 19 bases
? TYPE: nucleic acid
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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-540-104-6

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1231 CCTGAGGAGTGGCGATG 1249
Db 1 CCGAGGAAGTGGCGATG 19

RESULT 1105
US-08-620-717A-6
; Sequence 6, Application US/08620717A
; Patent No. 5670365
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; TITLE OF INVENTION: Identification of, and Uses For, Nematicidal
; TITLE OF INVENTION: Bacillus thuringiensis Genes, Toxins, and Isolates
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: Florida
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/620,717A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/540,104
; FILING DATE: 06-OCT-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Saliwanchik, David R.
; REGISTRATION NUMBER: 31,794
; REFERENCE/DOCKET NUMBER: MA94.C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (352) 375-8100
; TELEFAX: (352) 372-5800
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-620-717A-6

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1231 CCTGAGGAGTGGCGATG 1249
Db 1 CCGAGGAAGTGGCGATG 19

RESULT 1106
US-08-441-430-48/c
; Sequence 48, Application US/08441430
; Patent No. 5681942
; GENERAL INFORMATION:
; APPLICANT: Buchwald, Manuel
; APPLICANT: Strathdee, Craig A.
; APPLICANT: Wevrick, Rachel
; TITLE OF INVENTION: Fanconi Anemia Type C Gene
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Richard J. Polley, Esq.
; ADDRESSEE: Klarquist, Sparkman, Campbell, Leigh &
; ADDRESSEE: Winston, LLP
; STREET: 121 S.W. Salmon, Suite 1600
; CITY: Portland
; STATE: Oregon
; COUNTRY: U.S.A.
; ZIP: 97204
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Disk, 3+1/2-inch
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: WordPerfect 5.1/ASCII Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,430
; FILING DATE: May 15, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. 07/876,285
; FILING DATE: April 29, 1992
; APPLICATION NUMBER: U.S. 07/918,313
; FILING DATE: July 21, 1992
; APPLICATION NUMBER: U.S. 08/003,963
; FILING DATE: January 15, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard J. Polley, Esq.
; REGISTRATION NUMBER: 28,107
; REFERENCE/DOCKET NUMBER: 3812-42824
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (503) 226-7391
; TELEFAX: (503) 228-9446
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single stranded
; TOPOLOGY: Linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHEICAL: No
; ANTI-SENSE: No
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
US-08-441-430-48

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 89 GGAAACTCTGTACTACTA 107
Db 19 GGAAATCTCAAACTACTA 1

RESULT 1107
US-08-663-023-4
; Sequence 4, Application US/08663023
; Patent No. 5763178
; GENERAL INFORMATION:
; APPLICANT: CHIRIKJIAN, Jack G.
; APPLICANT: COLLIER, G. Bruce
; TITLE OF INVENTION: OSCILLATING SIGNAL AMPLIFIER FOR NUCLEIC
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
```

CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/663,023
FILING DATE: 07-JUN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/012,950
FILING DATE: 06-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/483,089
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 66669/110
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-663-023-4

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 497 CCGAGGCATCTGGCTTCTG 515
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b 1 CCGAGGAATTAGCCTTCTG 19

RESULT 1108
S-08-663-023-6
Sequence 6, Application US/08663023
Patent No. 5763178
GENERAL INFORMATION:
APPLICANT: CHIRIKJIAN, Jack G.
APPLICANT: COLLIER, G. Bruce
TITLE OF INVENTION: OSCILLATING SIGNAL AMPLIFIER FOR NUCLEIC
TITLE OF INVENTION: ACID DETECTION
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/663,023
FILING DATE: 07-JUN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/012,950
FILING DATE: 06-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/483,089
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 66669/110
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
FILING DATE: 06-MAR-1996

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/483,089
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 66669/110
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-663-023-6

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 497 CCGAGGCATCTGGCTTCTG 515
|||||
Db 1 CCGAGGAATTAGCCTTCTG 19

RESULT 1109
US-08-663-023-7
Sequence 7, Application US/08663023
Patent No. 5763178
GENERAL INFORMATION:
APPLICANT: CHIRIKJIAN, Jack G.
APPLICANT: COLLIER, G. Bruce
TITLE OF INVENTION: OSCILLATING SIGNAL AMPLIFIER FOR NUCLEIC
TITLE OF INVENTION: ACID DETECTION
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/663,023
FILING DATE: 07-JUN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/012,950
FILING DATE: 06-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/483,089
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 66669/110
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

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; TOPOLOGY: linear
; US-08-663-023-7
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; Query Match 0.6%; Score 12.6; DB 1; Length 19;
; Best Local Similarity 78.9%; Pred. No. 7.3e+02;
; Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; QY 497 CCGAGGCACTGGCTCTG 515
;      ||||| ||| |||||
; Db 1 CCGAGGAATCGCCCTCTG 19
;
;
; RESULT 1110
; US-08-132-168A-19
; Sequence 19, Application US/08132168A
; Patent No. 5783680
; GENERAL INFORMATION:
; APPLICANT: Brunner, H. G.
; APPLICANT: Breakfield, X.
; TITLE OF INVENTION: Genetic Diagnosis and Treatment for
; TITLE OF INVENTION: Impulsive Aggression
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, N.W. Suite 600
; CITY: Washington
; STATE: DC
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/132,168A
; FILING DATE: 06-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0609.4000000
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; TELEX: 248636 SSK
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-132-168A-19
;
; Query Match 0.6%; Score 12.6; DB 1; Length 19;
; Best Local Similarity 78.9%; Pred. No. 7.3e+02;
; Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; QY 1915 TTTTATGATGGTCTGTT 1933
;      ||||| ||||| |||||
; Db 1 TTTTATGATGGTCTGTT 19
;
;
; RESULT 1111
; US-08-832-883-44
; Sequence 44, Application US/08832883
; Patent No. 5807681
; GENERAL INFORMATION:
; APPLICANT: Giordano, Antonio
; APPLICANT: Baldi, Alphonso
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS
; TITLE OF INVENTION: OF CANCER
; NUMBER OF SEQUENCES: 115
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.
; STREET: Suite 1800 Two Penn Center Plaza
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/832,883
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 8321-13 US1
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-832-883-44
;
; Query Match 0.6%; Score 12.6; DB 1; Length 19;
; Best Local Similarity 78.9%; Pred. No. 7.3e+02;
; Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; QY 710 CTGGCAAGGCAAGTATTA 728
;      ||||| ||||| |||||
; Db 1 CAGGCAATGTAAGTATGA 19
;
;
; RESULT 1112
; US-08-650-125-8
; Sequence 8, Application US/08650125
; Patent No. 5830751
; GENERAL INFORMATION:
; APPLICANT: BOEKE, JEF
; APPLICANT: BRACHMANN, RAINER
; TITLE OF INVENTION: GENETIC ASSAYS AND STRAINS
; TITLE OF INVENTION: USING TP23
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,125
; FILING DATE: 01-MAY-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 1107.55985
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TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 97430 BMB UT
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
JS-08-650-125-8

Query Match 0.6%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 7.3e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1333 GAAGAGGAGGAGGAGGGG 1351

b 1 GCAGGGGAGGAGAGATGG 19

RESULT 1113

JS-08-229-528-36/c

Sequence 36, Application US/08229528

Patent No. 5837447

GENERAL INFORMATION:

APPLICANT: GORSKI, Jack

TITLE OF INVENTION: MONITORING AN IMMUNE RESPONSE BY ANALYSIS OF AMPLIFIED IMMUNO

NUMBER OF SEQUENCES: 51

CORRESPONDENCE ADDRESS:

ADDRESSEE: Foley & Hardner

STREET: P. O. Box 1497

CITY: Madison

STATE: Wisconsin

COUNTRY: USA

ZIP: 53701-1497

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM PC compatible

OPERATING SYSTEM: MS-DOS 3.3

SOFTWARE: Wordperfect, Version 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/229,528

FILING DATE: 18-APR-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/868,569

FILING DATE: 15-APR-1992

ATTORNEY/AGENT INFORMATION:

NAME: Scanlon, William J.

REGISTRATION NUMBER: 30,136

REFERENCE/DOCKET NUMBER: 30383/133

TELECOMMUNICATION INFORMATION:

TELEPHONE: (608) 258-4284

TELEFAX: (608) 258-4258

INFORMATION FOR SEQ ID NO: 36:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid;

DESCRIPTION: Synthetic DNA oligonucleotide

JS-08-229-528-36

Query Match 0.6%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 7.3e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1010 CAGCTGTGGCCCTGGATAC 1028

b 19 CAGCTGTGGCCCTGGGTTTC 1

RESULT 1114

US-08-832-877-44

Sequence 44, Application US/08832877

Patent No. 5840506

GENERAL INFORMATION:

APPLICANT: Giordano, Antonio

TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS OF

TITLE OF INVENTION: CANCER

NUMBER OF SEQUENCES: 116

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.

STREET: Suite 1800 Two Penn Center Plaza

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19102

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/832,877

FILING DATE:

CLASSIFICATION: 436

ATTORNEY/AGENT INFORMATION:

NAME: Monaco, Daniel A

REGISTRATION NUMBER: 30,480

REFERENCE/DOCKET NUMBER: 8321-13 US2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-8383

TELEFAX: (215) 568-5549

INFORMATION FOR SEQ ID NO: 44:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-832-877-44

Query Match

Best Local Similarity 0.6%; Score 12.6; DB 1; Length 19;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 710 CTGGCAAGGCAAGTATTA 728

Db 1 CAGGCAATGTAACTATCA 19

RESULT 1115

US-08-494-151-9

Sequence 9, Application US/08494151

Patent No. 5840528

GENERAL INFORMATION:

APPLICANT: Van Ooyen, Albert Johannes Joseph

TITLE OF INVENTION: Transformation of Phaffia rhodozyma

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: Morrison & Foerster

STREET: 2000 Pennsylvania Ave. N.W., Suite 5500

CITY: Washington, D.C.

COUNTRY: USA

ZIP: 20006-1812

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/494,151

FILING DATE: 23-JUN-1995

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24615-20039.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: AB3500
US-08-494-151-9
Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 604 GACGGCGTGGAGAGGCGCT 622
DB 1 GATGGGATGGAGATGCGCT 19
RESULT 1116
US-08-795-006A-8
Sequence 8, Application US/08795006A
Patent No. 5840579
GENERAL INFORMATION:
APPLICANT: Boeke, Jef
APPLICANT: Brachmann, Rainer
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING P53
TITLE OF INVENTION: MUTATIONS WHICH SUPPRESS P53 CANCER MUTA-TIONS
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff
STREET: 1001 G Street, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,006A
FILING DATE: 05-FEB-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 01107.03170
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-795-006A-8
Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 1333 GAAGAGGAGGAGAGGGGG 1351
DB 1 GCAGGGGAGGAGAGATGG 19
RESULT 1117
US-08-698-948-12
Sequence 12, Application US/08698948
Patent No. 5849901
GENERAL INFORMATION:
APPLICANT: MABILAT et al.
TITLE OF INVENTION: DNA FRAGMENTS OF MYCOBACTERIA, AMPLIFICATION
TITLE OF INVENTION: PRIMERS, HYBRIDIZATION PROBES, REAGENTS AND METHOD FOR THE DE
TITLE OF INVENTION: MYCOBACTERIA
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria,
STATE: Virginia
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" DS/HD
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS 3.1
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/698,948
FILING DATE: August 16, 1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/105,168
FILING DATE: August 12, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR9210094
FILING DATE: August 8, 1992
ATTORNEY/AGENT INFORMATION:
NAME: William P. Berridge
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 28835A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6400
TELEFAX: (703) 836-2787
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL:
ANTI-SENSE:
ORIGINAL SOURCE:
ORGANISM:
STRAIN:
INDIVIDUAL ISOLATE:
POSITION IN GENOME:
CHROMOSOME/SEGMENT:
MAP POSITION:
FEATURE:
NAME/KEY:
LOCATION: 467-485
IDENTIFICATION METHOD:
OTHER INFORMATION:
US-08-698-948-12
Query Match 0.6%; Score 12.6; DB 1; Length 19;

Query Match	0.6%	Score 12.6	DB 1	Length 19
Best Local Similarity	78.9%	Pred. No. 7.3e+02		
Matches	15	Conservative	0	Mismatches 4; Indels 0; Gaps 0
QY	1393	AAACAGAGGATGAAAAAG	1411	
Db	19	AAAAAAGAGAGAGAGAG	1	
RESULT 1122				
US-08-743-637B-61/c				
Sequence 61, Application US/08743637B				
Patent No. 5994066				
GENERAL INFORMATION:				
APPLICANT: BERGERON, Michel G.				
APPLICANT: PICARD, Francois J.				
APPLICANT: OUELLETTE, Marc				
APPLICANT: ROY, Paul H.				
TITLE OF INVENTION: SPECIES-SPECIFIC AND UNIVERSAL DNA				
TITLE OF INVENTION: PROBES AND AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND				
TITLE OF INVENTION: IDENTIFY COMMON BACTERIAL PATHOGENS AND ASSOCIATED				
TITLE OF INVENTION: ANTIBIOTIC RESISTANCE GENES FROM CLINICAL SPECIMENS				
NUMBER OF SEQUENCES: 273				
CORRESPONDENCE ADDRESS:				
ADDRESSEE: QUARLES & BRADY				
STREET: 411 EAST WISCONSIN AVENUE				
CITY: MILWAUKEE				
STATE: WISCONSIN				
COUNTRY: USA				
ZIP: 53202-4497				
COMPUTER READABLE FORM:				
MEDIUM TYPE: Floppy disk				
COMPUTER: IBM PC compatible				
OPERATING SYSTEM: PC-DOS/MS-DOS				
SOFTWARE: PatentIn Release #1.0, Version #1.30				
CURRENT APPLICATION DATA:				
APPLICATION NUMBER: US/08/743,637B				
FILING DATE: 04-NOV-1996				
CLASSIFICATION: 435				
PRIOR APPLICATION DATA:				
APPLICATION NUMBER: US 08/526,840				
FILING DATE: 11-SEP-1995				
ATTORNEY/AGENT INFORMATION:				
NAME: BAKER, Jean C.				
REGISTRATION NUMBER: 35,433				
REFERENCE/DOCKET NUMBER: 850586.90012				
TELECOMMUNICATION INFORMATION:				
TELEPHONE: (414) 277-5000				
TELEFAX: (414) 277-5591				
INFORMATION FOR SEQ ID NO: 61:				
SEQUENCE CHARACTERISTICS:				
LENGTH: 19 base pairs				
TYPE: nucleic acid				
STRANDEDNESS: single				
TOPOLOGY: linear				
MOLECULE TYPE: DNA (genomic)				
ORGANISM: Klebsiella pneumoniae				
US-08-743-637B-61				
Query Match	0.6%	Score 12.6	DB 1	Length 19
Best Local Similarity	78.9%	Pred. No. 7.3e+02		
Matches	15	Conservative	0	Mismatches 4; Indels 0; Gaps 0
QY	22	GGCGGACGACCGACTGAC	40	
Db	19	GGCTGACGAACTGACTGC	1	
RESULT 1123				
US-08-526-840B-61/c				
Sequence 61, Application US/08526840B				
Patent No. 6001564				

```
GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: CUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES AND
; TITLE OF INVENTION: AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND IDENTIFY
; TITLE OF INVENTION: COMMON BACTERIAL PATHOGENS AND ANTIBIOTIC RESISTANCE GENES
; TITLE OF INVENTION: FROM CLINICAL SPECIMENS FOR ROUTINE DIAGNOSIS IN ...
; NUMBER OF SEQUENCES: 177
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: QUARLES & BRADY
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/526,840B
; FILING DATE: 11-SEP-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/304,732
; FILING DATE: 12-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Klebsiella pneumoniae
;
; US-08-526-840B-61
;
; Query Match 0.6%; Score 12.6; DB 1; Length 19;
; Best Local Similarity 78.9%; Pred. No. 7.3e+02;
; Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; 22 GCGGACGACGACGACTGAC 40
; 19 GCGTACGACGACGACTGTC 1
;
; RESULT 1124
; US-08-765-626-2
; Sequence 2, Application US/08765626
; Patent No. 6071726
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
```

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ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,626
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VSEN P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 1 of human p53 gene
;
; US-08-765-626-2
;
; Query Match 0.6%; Score 12.6; DB 1; Length 19;
; Best Local Similarity 78.9%; Pred. No. 7.3e+02;
; Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; QY 1560 CCCCAACCCCTCAGATTTT 1578
; DB 1 CCCCAGCCCCAGCGATTTT 19
;
; RESULT 1125
; US-08-855-583A-15
; Sequence 15, Application US/08855583A
; Patent No. 6127117
; GENERAL INFORMATION:
; APPLICANT: Morris, Dale L.
; APPLICANT: Davila, Julio C.
; TITLE OF INVENTION: Analysis of Expression of
; TITLE OF INVENTION: Rat Cytochrome P450 Isoenzymes and Phase II Conjugating
; TITLE OF INVENTION: Enzymes
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fitzpatrick, Cella, Harper &
; ADDRESSEE: Scinto
; STREET: 277 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10172-0194
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0,
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; SOFTWARE: Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/855,583A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US97/08110
; FILING DATE: 13-MAY-1997
; APPLICATION NUMBER: US 08/645,067
; FILING DATE: 13-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: PERRY, LAWRENCE S.
; REGISTRATION NUMBER: 31,865
; REFERENCE/DOCKET NUMBER: 874,2500 CIP/PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-2400
; TELEFAX: (212) 758-2982
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: Rattus norvegicus
; TISSUE TYPE: Liver
; CELL TYPE: Hepatocyte
; POSITION IN GENOME:
; UNITS: bp
; US-08-855-583A-15

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 252 GATGACCAAGTACCACAGC 270
Db 1 GGTGACAAAGAACTACAGC 19

RESULT 1126
US-09-184-073-8
; Sequence 8, Application US/09184073
; Patent No. 6183964
; GENERAL INFORMATION:
; APPLICANT: Boeke, Jef
; TITLE OF INVENTION: NUCLEIC ACIDS ENCODING P53
; TITLE OF INVENTION: MUTATIONS WHICH SUPPRESS P53 CANCER MUTATIONS
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/184,073
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/795,006
; FILING DATE:

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; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.03170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-184-073-8

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1333 GAAGAGGAGGAGGGGG 1351
Db 1 GCAGGGGAGGAGATGG 19

RESULT 1127
US-09-217-847-3/c
; Sequence 3, Application US/09217847
; Patent No. 6200801
; GENERAL INFORMATION:
; APPLICANT: Ferkol Jr., Thomas W.
; APPLICANT: Davis, Pamela B.
; APPLICANT: Ziady, Assem-Galal
; TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
; TITLE OF INVENTION: Mediated Gene Transfer
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/217,847
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/656,906
; FILING DATE:
; PRIOR APPLICATION DATA: WO WO 95/25809
; FILING DATE: 23-MAR-1995
; APPLICATION NUMBER: US 08/216,534
; FILING DATE: 23-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: CASE-02280
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

```

TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
JS-09-217-847-3

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

2Y 1393 AAAACAGAGGATGAAAAAG 1411
||||| ||||| ||||| |||||
2b 19 AAAAAGAGAGAGAGAGAG 1

RESULT 1128
US-09-619-444-15
; Sequence 15, Application US/09619444
; Patent No. 6228595
; GENERAL INFORMATION:
; APPLICANT: Morris, Dale L.
; APPLICANT: Davila, Julio C.
; TITLE OF INVENTION: Analysis of Expression of
; TITLE OF INVENTION: Rat Cytochrome P450 Isoenzymes and Phase II Conjugating
; TITLE OF INVENTION: Enzymes
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fitzpatrick, Cella, Harper &
; ADDRESSEE: Scinto
; STREET: 277 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10172-0194
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0,
; SOFTWARE: Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/619,444
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/855,583
; FILING DATE:
; APPLICATION NUMBER: PCT/US97/08110
; FILING DATE: 13-MAY-1997
; APPLICATION NUMBER: US 08/645,067
; FILING DATE: 13-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: PERRY, LAWRENCE S.
; REGISTRATION NUMBER: 31,865
; REFERENCE/DOCKET NUMBER: 874.2500 CIP/PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-2400
; TELEFAX: (212) 758-2982
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: Rattus norvegicus
TISSUE TYPE: Liver
CELL TYPE: Hepatocyte
POSITION IN GENOME:
UNITS: bp
US-09-619-444-15

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 252 GATGACCAAGTACCACAC 270
||||| ||||| ||||| |||||
Db 1 GGTGACAAAGAACTACAC 19

RESULT 1129
US-09-187-946-12/c
; Sequence 12, Application US/09187946
; Patent No. 6255467
; GENERAL INFORMATION:
; APPLICANT: Lindner, Luther E.
; APPLICANT: Macphee, Kathleen
; TITLE OF INVENTION: Human Blood Bacterium
; FILE REFERENCE: D6026
; CURRENT APPLICATION NUMBER: US/09/187,946
; CURRENT FILING DATE: 1998-11-02
; EARLIER APPLICATION NUMBER: US 60/064,472
; EARLIER FILING DATE: 1997-11-06
; NUMBER OF SEQ ID NOS: 20
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: primer specific for 23S rRNA of a new human blood
; OTHER INFORMATION: bacterium
; PUBLICATION INFORMATION:
; AUTHORS: Ludwig, et al.
; TITLE: Complete 23S ribosomal RNA sequences of gram-positive
; TITLE: bacteria with a low DNA G+C content
; PATENT DOCUMENT NUMBER: System. Appl. Microbiol. 15: 487-501
; PATENT FILING DATE: 1992
US-09-187-946-12

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 612 GGAAGAGCGCTTCAACAC 630
||||| ||||| ||||| |||||
Db 19 GGAAGAGCGCTTCAATGCC 1

RESULT 1130
US-09-316-083-7
; Sequence 7, Application US/09316083A
; Patent No. 6280942
; GENERAL INFORMATION:
; APPLICANT: The Institute of Physical and Chemical Research
; TITLE OF INVENTION: Endonuclease
; FILE REFERENCE: PH-651
; CURRENT APPLICATION NUMBER: US/09/316,083A
; CURRENT FILING DATE: 1999-05-20
; EARLIER APPLICATION NUMBER: JP98/141861
; EARLIER FILING DATE: 1998-05-22
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-316-083-7

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;


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; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-2610 for SEQ 1516,
US-09-422-978-5450

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 701 ATATCGGGGCTGCAAGG 719
Db 1 ATATCAGGCAGGCACAA 19

RESULT 1140
US-09-422-978-6658/c
; Sequence 6658, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6658
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-16017 for SEQ 2724,
US-09-422-978-6658

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1367 CCAACTCAAAAAGCCAA 1385
Db 19 CCATCAATAAAGAAGCCAA 1

RESULT 1141
US-09-422-978-8800/c
; Sequence 8800, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
```

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; SEQ ID NO 8800
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-18312 for SEQ 935, in comple
US-09-422-978-8800

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1161 GTTTGAGACCTTAGAATG 1179
Db 19 GTTTGGGAAGTTTGAATG 1

RESULT 1142
US-09-422-978-11036
; Sequence 11036, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11036
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-24156 for SEQ 3171, in comple
US-09-422-978-11036

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1408 AAAGAGAAAGCCAGAGG 1426
Db 1 AAAGTGCTAGACCCAGAGC 19

RESULT 1143
US-09-422-978-11248/c
; Sequence 11248, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
```

EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11248
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-3638 for SEQ 3383, in comple

US-09-422-978-11248
Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

2Y 831 GGTGTCCTTACAGTGGC 849
DB 19 GGTGAACCTTCTGTGGC 1

RESULT 1144

US-09-422-978-11269/c
; Sequence 11269, Application US/09422978
; Patent No. 6537751

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilva
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11269
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-3764 for SEQ 3404, in comple

US-09-422-978-11269
Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

2Y 1402 GATGAAAAGACAGAC 1420
DB 19 GATAAAGACAGAAAGCCC 1

RESULT 1145

US-09-422-978-11455
; Sequence 11455, Application US/09422978
; Patent No. 6537751

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilva
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11455
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-6837 for SEQ 3590, in comple

US-09-422-978-11455

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1170 CCTTAGAATGCTGCGCAC 1188
DB 1 CTTTACAATGCTGCCTAAC 19

RESULT 1146

US-08-192-943-28
; Sequence 28, Application US/08192943
; Patent No. 6544755

; GENERAL INFORMATION:
; APPLICANT: James D. Thompson
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: TREATMENT OF DISEASES CAUSED
; TITLE OF INVENTION: BY EXPRESSION OF THE c-MYC
; TITLE OF INVENTION: GENE
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,943
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/936,422
; FILING DATE:

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 197/241
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-192-943-28

Query Match 0.6%; Score 12.6; DB 1; Length 19;

Best Local Similarity 73.7%; Pred. No. 7.3e+02;
Matches 14; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1478 CCAAGGGGTCAAGGAGGA 1496
|||:|||||
Db 1 CCAAGAGGCUCAAGUGGA 19

RESULT 1147

US-09-184-072-8
; Sequence 8, Application US/09184072
; Patent No. 6566056
; GENERAL INFORMATION:
; APPLICANT: BOEKE JEF
; APPLICANT: BRACHMANN, RAINER
; TITLE OF INVENTION: GENETIC ASSAYS AND STRAINS
; TITLE OF INVENTION: USING TP23
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/184,072
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/650,125
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 1107.55985
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 97430 BMB UT
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-184-072-8

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1333 GAAGAGGAGGAGGAGGGG 1351
|||:|||||
Db 1 GCAGGGGAGGAGGATGG 19

RESULT 1148

US-08-465-679-32/c
; Sequence 32, Application US/08465679
; Patent No. 6610477
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106P4
; CURRENT APPLICATION NUMBER: US/08/465,679
; CURRENT FILING DATE: 1995-06-06

; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 32
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hMLH1 antisense primer
US-08-465-679-32

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 501 GGCATCTGGCTTCTGTAC 519
|||:|||||
Db 19 GCATGTGGCTCATGTTAC 1

RESULT 1149

US-08-210-143C-30/c
; Sequence 30, Application US/08210143C
; Patent No. 6620619
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106P1
; CURRENT APPLICATION NUMBER: US/08/210,143C
; CURRENT FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 30
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hMLH1 antisense primer
US-08-210-143C-30

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 501 GGCATCTGGCTTCTGTAC 519
|||:|||||
Db 19 GCATGTGGCTCATGTTAC 1

RESULT 1150

US-09-831-642-29/c
; Sequence 29, Application US/09831642
; Patent No. 6635751
; GENERAL INFORMATION:
; APPLICANT: HAZE, Kyosuke et al.
; TITLE OF INVENTION: ENDOPLASMIC RETICULUM STRESS TRANSCRIPTION FACTORS ATF6 AND CREB
; FILE REFERENCE: 1422-0474P
; CURRENT APPLICATION NUMBER: US/09/831,642
; CURRENT FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 29
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Rat
US-09-831-642-29

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 49 CGGAGGCGGACAGATGG 67
| | | | | | | | | | | | | | | | | | | | |
Db 19 CGGAGGCGGCGCCAGTTGG 1

RESULT 1151

US-09-672-717-191/c
Sequence 191, Application US/09672717
Patent No. 6673917

GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: Thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 191
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: based on Homo sapiens

US-09-672-717-191

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 418 GCAAGTGTGTGAAGTCTTA 436
| | | | | | | | | | | | | | | | | | | | |
b 19 GTAAGTGAAGTAAACTTA 1

RESULT 1152

US-09-672-717-214
Sequence 214, Application US/09672717
Patent No. 6673917

GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: Thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 214
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: based on Homo sapiens

US-09-672-717-214

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1335 AGAGGAGGAGAGGGGGC 1353
| | | | | | | | | | | | | | | | | | | | |
Db 1 AGAGGAGGAGTCGGAGGC 19

RESULT 1153

US-09-548-797B-69/c
Sequence 69, Application US/09548797B
Patent No. 6683165

GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND
TITLE OF INVENTION: OBESITY
FILE REFERENCE: 2976-4039
CURRENT APPLICATION NUMBER: US/09/548,797B
CURRENT FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: 60/129,391
PRIOR FILING DATE: 1999-04-13
NUMBER OF SEQ ID NOS: 170
SOFTWARE: PatentIn ver. 2.1
SEQ ID NO 69
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-797B-69

Query Match 0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1332 TGAAGAGGAGGAGAGGGG 1350
| | | | | | | | | | | | | | | | | | | | |
Db 19 TGGGAGGAGTAGAGGGG 1

RESULT 1154

PCT-US94-06331A-3
Sequence 3, Application PC/TUS9406331A
GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: TREATMENT OF FIBROSIS AND
TITLE OF INVENTION: FIBROUS TISSUE DISEASE
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/06331A
FILING DATE: June 2, 1994
CLASSIFICATION:

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER:
FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/115
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

none

```
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US94-06331A-3

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 7.3e+02;
Matches 14; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 1430 AGAAGAAGTCACCGAGA 1448
Db 1 AGAAGAGGUGCCGAGGA 19

RESULT 1155
PCT-US95-08605-2
; SEQUENCE 2, Application PC/TUS9508605
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:

; NAME/KEY: primer for exon 1 of human p53 gene
PCT-US95-08605-2

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1560 CCCCAACCCCTCAGATTT 1578
Db 1 CCCAGCCCGCAGCATTT 19

RESULT 1156
5169941-25
; Patent No. 5169941
; APPLICANT: MACH, BERNARD F.; LONG, ERIC O.; WAKE, CLAIRE T.
; TITLE OF INVENTION: DNA SEQUENCES CODING FOR THE DR B CHAIN
; LOCUS OF THE HUMAN LYMPHOCYTE ANTIGEN COMPLEX AND POLYPEPTIDES
; DIAGNOSTIC TYPING PROCESSES AND PRODUCTS RELATED THERETO
; NUMBER OF SEQUENCES: 31
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/518,393
; FILING DATE: 29-JUL-1983
; SEQ ID NO: 25:
; LENGTH: 19
5169941-25

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 545 TGGAACTGCTAAAGTATCA 563
Db 1 TGGAGCTGCTTAAAGTCTGA 19

RESULT 1157
5352575-10
; Patent No. 5352575
; APPLICANT: PETROVSKIS, ERIK A.; POST, LEONARD E.; TIMMINS, JAMES G.
; TITLE OF INVENTION: PSEUDORABIES VIRUS PROTEIN
; NUMBER OF SEQUENCES: 12
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/513,282
; FILING DATE: 20-APR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 100,817
; FILING DATE: 29-JUN-1987
; APPLICATION NUMBER: 886,260
; FILING DATE: 16-JUL-1986
; APPLICATION NUMBER: 784,787
; FILING DATE: 04-OCT-1985
; APPLICATION NUMBER: 801,799
; FILING DATE: 26-NOV-1985
; APPLICATION NUMBER: 844,113
; FILING DATE: 26-MAR-1986
; SEQ ID NO: 10:
; LENGTH: 19
5352575-10

Query Match          0.6%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1334 AAGAGGAGGAGAGGGGGG 1352
Db 1 AAAAGGGGGGGGGGGGG 19

RESULT 1158
US-09-659-791A-44
; Sequence 44, Application US/09659791A
; Patent No. 6383808
```

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GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
FILE REFERENCE: RTS-0156
CURRENT APPLICATION NUMBER: US/09/659,791A
CURRENT FILING DATE: 2000-09-11
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 44
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
JS-09-659-791A-44

Query Match          0.6%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 8.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1670 TGTGCTGGGTGAGCTCTTC 1688
DB 1 TGTCTCGAAGAGCTCGTC 19

RESULT 1159
JS-09-657-452A-96
Sequence 96, Application US/09657452A
Patent No. 6426188
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
FILE REFERENCE: RTS-0125
CURRENT APPLICATION NUMBER: US/09/657,452A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 96
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
JS-09-657-452A-96

Query Match          0.6%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 8.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 319 GAGTACAGCAAGCAGATGC 337
DB 2 GAGTACAGATGCCAGATGC 20

RESULT 1160
JS-09-907-843-18
Sequence 18, Application US/09907843
Patent No. 6440739
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
FILE REFERENCE: RTS-0279
CURRENT APPLICATION NUMBER: US/09/907,843
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
JS-09-907-843-18
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Query Match          0.6%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 8.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1523 CCAGCTCTGGCTTCTCTGCT 1541
DB 2 CCACTTTGGCTTCTTCTGCT 20

RESULT 1161
US-07-803-633A-11
Sequence 11, Application US/07803633A
Patent No. 5369025
GENERAL INFORMATION:
APPLICANT: NAZERIAN, Keyvan
APPLICANT: LEE, Lucy F.
APPLICANT: YANAGIDA, No. 5369025oru
APPLICANT: OGAWA, Ryohei
APPLICANT: LI, Yi
TITLE OF INVENTION: RECOMBINANT FOWLPOX VACCINE FOR
PROTECTION AGAINST MAREK'S DISEASE
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH
STREET: 301 No. 5369025th Washington Street
CITY: Falls Church
STATE: Virginia
COUNTRY: USA
ZIP: 22040-0747
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/07/803,633A
APPLICATION NUMBER: US/07/803,633A
FILING DATE: 19911210
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 1644-103P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 241-1300
TELEFAX: (703) 241-2848
TELEX: 248345
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-803-633A-11

Query Match          0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1600 ATTATATAAAAT 1613
DB 1 ATTTTATAAAAT 14

RESULT 1162
US-07-803-633A-11/c
Sequence 11, Application US/07803633A
Patent No. 5369025
GENERAL INFORMATION:
APPLICANT: NAZERIAN, Keyvan
APPLICANT: LEE, Lucy F.
APPLICANT: YANAGIDA, No. 5369025oru
APPLICANT: OGAWA, Ryohei
```

APPLICANT: LI, VI
TITLE OF INVENTION: RECOMBINANT FOWLPOX VACCINE FOR
PROTECTION AGAINST MAREK'S DISEASE
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH
STREET: 301 No. 5369025th Washington Street
CITY: Falls Church
STATE: Virginia
COUNTRY: USA
ZIP: 22040-0747
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/803,633A
FILING DATE: 19911210
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 1644-103P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 241-1300
TELEFAX: (703) 241-2848
TELEX: 248345
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
JS-07-803-633A-11

Query Match 0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1600 ATTATATAAAAT 1613
DB 14 ATTATTATAAAAT 1
RESULT 1163
US-08-242-664-16
Sequence 16, Application US/08242664
Patent No. 5571937
GENERAL INFORMATION:
APPLICANT: Watanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
APPLICANT: Weil, Roger
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10112
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/242,664
FILING DATE: May 12, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.

REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-977-9550
TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-242-664-16

Query Match 0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1401 GGATGAAAAAGAGA 1414
DB 1 GGAGGAAAAAGAGA 14

RESULT 1164
US-08-484-138-16
Sequence 16, Application US/08484138
Patent No. 5652350
GENERAL INFORMATION:
APPLICANT: Watanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
APPLICANT: Weil, Roger
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,138
FILING DATE: June 7, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683-2/JPM/WJG
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-977-9550
TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-484-138-16

Query Match 0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1401 GGATGAAAAAGAGA 1414
DB 1 GGAGGAAAAAGAGA 14

```
RESULT 1165
; S-08-525-742-21
; Sequence 21, Application US/08525742
; Patent No. 5871742
; GENERAL INFORMATION:
; APPLICANT: Saito, Shuji
; APPLICANT: Ohkawa, Setsuko
; APPLICANT: Saeki, Sakiko
; APPLICANT: Ohsawa, Ikuroh
; APPLICANT: Funato, Hirono
; APPLICANT: Iritani, Yoshikazu
; APPLICANT: Aoyama, Shigem
; APPLICANT: Takahashi, Kiyochito
; TITLE OF INVENTION: NEW POLYPEPTIDE, DNA ENCODING THE
; TITLE OF INVENTION: POLYPEPTIDE, RECOMBINANT VECTOR BEARING THE DNA AND
; TITLE OF INVENTION: RECOMBINANT VIRUS UTILIZING THE RECOMBINANT VECTOR AS WELL
; TITLE OF INVENTION: AS USE THEREOF
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARMSTRONG, WESTERMAN, HATTORI, MCLELAND &
; ADDRESSEE: NAUGHTON
; STREET: 1725 K Street, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/525,742
; FILING DATE: 25-SEP-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 05-074139
; FILING DATE: 31-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 05-245625
; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP94/00541
; FILING DATE: 31-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Mclelland, Le-Nhung
; REGISTRATION NUMBER: 31,541
; REFERENCE/DOCKET NUMBER: 950811
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-659-2930
; TELEFAX: 202-8870357
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; S-08-525-742-21

Query Match 0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1600 ATTATATATAAAAT 1613
|||||
b 1 ATTTTATATAAAAT 14

RESULT 1166
; S-08-525-742-21/c
; Sequence 4, Application US/0954880B
; Patent No. 6589783
; GENERAL INFORMATION:
```


; APPLICANT: No. 6589783Y, Robert
 ; APPLICANT: Monisma, Scott
 ; TITLE OF INVENTION: Multiple Host Expression Vector
 ; FILE REFERENCE: 700399.90118
 ; CURRENT APPLICATION NUMBER: US/09/548,880B
 ; CURRENT FILING DATE: 2000-04-13
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 4
 ; LENGTH: 14
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:translation
 ; OTHER INFORMATION: Initiation region
 US-09-548-880B-4

Query Match 0.6%; Score 12.4; DB 1; Length 14;
 Best Local Similarity 92.9%; Pred. No. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 597 CCATGGTGACGGCG 610
 |||||
 Db 14 CCATGGTGGCGCG 1

RESULT 1168
 PCT-US95-06379-16
 ; Sequence 16, Application PC/TUS9506379
 ; GENERAL INFORMATION:
 ; APPLICANT: Watanabe, Kyoichi A.
 ; APPLICANT: Ren, Wu-Yun
 ; APPLICANT: Wei, Roger
 ; TITLE OF INVENTION: Complementary DNA and Toxins
 ; NUMBER OF SEQUENCES: 43
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Cooper & Dunham LLP
 ; STREET: 1185 Avenue of the Americas
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: U.S.A.
 ; ZIP: 10036
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch 1.44Mb
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.24
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US95/06379
 ; FILING DATE: May 13, 1994
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: White, John P.
 ; REGISTRATION NUMBER: 28,678
 ; REFERENCE/DOCKET NUMBER: 44683-PCT
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 212-278-0400
 ; TELEFAX: 212-391-0526
 ; INFORMATION FOR SEQ ID NO: 16:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 14 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: double
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 PCT-US95-06379-16

Query Match 0.6%; Score 12.4; DB 1; Length 14;
 Best Local Similarity 92.9%; Pred. No. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1401 GGAGGAAAAAGAGA 1414
 |||||

Db 1 GGAGGAAAAAGAGA 14
 RESULT 1169
 US-08-311-760A-33
 ; Sequence 33, Application US/08311760A
 ; Patent No. 5599706
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Newton, Roger S.
 ; APPLICANT: Ramharack, Randy
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
 ; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
 ; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
 ; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
 ; TITLE OF INVENTION:
 ; NUMBER OF SEQUENCES: 392
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSEQ Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/311,760A
 ; FILING DATE: September 23, 1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 208/155
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 33:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 US-08-311-760A-33

Query Match 0.6%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 64.3%; Pred. No. 4.9e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 127 TACTATTATGACA 140
 :||:|:|:|
 Db 2 UACCAUUAUGGACA 15

RESULT 1170
 US-08-311-760A-34
 ; Sequence 34, Application US/08311760A
 ; Patent No. 5599706
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Newton, Roger S.
 ; APPLICANT: Ramharack, Randy
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

;; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
;; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
;; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
;; TITLE OF INVENTION:
;; NUMBER OF SEQUENCES: 392
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FastSeq Version 1.5
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/311,760A
;; FILING DATE: September 23, 1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/155
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 34:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
JS-08-311-760A-34

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 4.9e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 127 TACTATTATGGACA 140
:||||:|||||
Db 1 UACCAUUAUGGACA 14

RESULT 1171
JS-08-291-932A-69
; Sequence 69, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/291,932A
;; FILING DATE: August 15, 1994
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; PRIOR APPLICATION DATA: described below:
;; APPLICATION NUMBER: 08/245,466
;; FILING DATE: May 18, 1994
;; APPLICATION NUMBER: 07/987,132
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/157
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 69:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-291-932A-69

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 4.9e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 997 AGGACATATGAGAC 1010
|||||:|||||
Db 1 AGGACCUAUGGAC 14

RESULT 1172
US-08-291-932A-281
; Sequence 281, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application

Two

PRIOR APPLICATION DATA: described below:
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 208/157
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 281:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-291-932A-281

Query Match 0.6%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 78.6%; Pred. No. 4.9e+02;
 Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1223 AGCCATCCCTGAG 1236
 DB 1 AGCUCAUCCUGAG 14

RESULT 1173
 US-08-363-240A-14/c
 Sequence 14, Application US/08363240A
 Patent No. 5705388
 GENERAL INFORMATION:
 APPLICANT: Couture, Larry
 APPLICANT: McSwiggen, James
 APPLICANT: Bisgaler, Charles
 TITLE OF INVENTION: METHOD AND REAGENT FOR
 TITLE OF INVENTION: PREVENTION, INHIBITION OF
 TITLE OF INVENTION: PROGRESSION AND REGRESSION
 TITLE OF INVENTION: OF VASCULAR DISEASES
 NUMBER OF SEQUENCES: 1243
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/363,240A
 FILING DATE: December 23, 1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 210/096
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-363-240A-14
 Query Match 0.6%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 4.9e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 638 GGGTCATGACTGTG 651
 DB 15 GGGTCAGGACTGTG 2
 RESULT 1174
 US-08-363-240A-649/c
 Sequence 649, Application US/08363240A
 Patent No. 5705388
 GENERAL INFORMATION:
 APPLICANT: Couture, Larry
 APPLICANT: McSwiggen, James
 APPLICANT: Bisgaler, Charles
 APPLICANT: Pape, Michael
 TITLE OF INVENTION: METHOD AND REAGENT FOR
 TITLE OF INVENTION: PREVENTION, INHIBITION OF
 TITLE OF INVENTION: PROGRESSION AND REGRESSION
 TITLE OF INVENTION: OF VASCULAR DISEASES
 NUMBER OF SEQUENCES: 1243
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/363,240A
 FILING DATE: December 23, 1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 210/096
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 649:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-363-240A-649
 Query Match 0.6%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 4.9e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 12 CGGGCGGAGGCG 25
 DB 15 CGGGCGGAGGCG 2

RESULT 1175
S-08-774-310-33
Sequence 33, Application US/08774310
Patent No. 5877022
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.
APPLICANT: McSwiggen, James
APPLICANT: Newton, Roger S.
APPLICANT: Ramharack, Randy

TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN

TITLE OF INVENTION:

NUMBER OF SEQUENCES: 392

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/774,310

FILING DATE: December 23, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/311,760

FILING DATE: September 23, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 223/229

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 33:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

S-08-774-310-33

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 4.9e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Y 127 TACTATTATGGACA 140
: || | : : : : || || ||
b 2 UACCAUUAUGGACA 15

RESULT 1176
S-08-774-310-34
Sequence 34, Application US/08774310
Patent No. 5877022
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.
APPLICANT: McSwiggen, James
APPLICANT: Newton, Roger S.
APPLICANT: Ramharack, Randy

TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF

TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 392
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/774,310

FILING DATE: December 23, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/311,760

FILING DATE: September 23, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 223/229

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 34:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-774-310-34

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 4.9e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 127 TACTATTATGGACA 140
: || | : : : : || || ||
Db 1 UACCAUUAUGGACA 14

RESULT 1177
US-08-718-904-70
Sequence 70, Application US/08718904
Patent No. 6037329
GENERAL INFORMATION:
APPLICANT: Baird, J. Andrew
APPLICANT: Chandler, Lois Ann
APPLICANT: Sosnowski, Barbara A.
TITLE OF INVENTION: COMPOSITIONS CONTAINING NUCLEIC ACIDS AND LIGANDS FOR THERAPE
NUMBER OF SEQUENCES: 128
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/718,904

```
/ FILING DATE: 24-SEP-1996
/ CLASSIFICATION: 424
/ ATTORNEY/AGENT INFORMATION:
/ NAME: No. 6037329tenburg Ph.D., Carol
/ REGISTRATION NUMBER: 39,317
/ REFERENCE/DOCKET NUMBER: 760100.415C1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 70:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: unknown
/ MOLECULE TYPE: cDNA
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 1..15
/ OTHER INFORMATION: /product= Enterokinase substrate linker
US-08-718-904-70

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1252 GACGACGACGACCC 1265
Db 1 GACGACGACGACCC 14

RESULT 1178
US-09-081-646-130
/ Sequence 130, Application US/09081646
/ Patent No. 6333152
/ GENERAL INFORMATION:
/ APPLICANT: Kinzler, Kenneth
/ APPLICANT: Vogelstein, Bert
/ APPLICANT: Zhang, Lin
/ APPLICANT: Zhou, Wei
/ TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
/ TITLE OF INVENTION: Cancer Cells
/ FILE REFERENCE: 01107.74664
/ CURRENT APPLICATION NUMBER: US/09/081,646
/ CURRENT FILING DATE: 1998-05-20
/ EARLIER APPLICATION NUMBER: 60/047,352
/ EARLIER FILING DATE: 1997-05-21
/ NUMBER OF SEQ ID NOS: 871
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 130
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-081-646-130

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 374 ATGGCCTGTTTGG 387
Db 2 ATGGCCTGTATGAG 15

RESULT 1179
US-09-081-646-863
/ Sequence 863, Application US/09081646
/ Patent No. 6333152
/ GENERAL INFORMATION:
/ APPLICANT: Kinzler, Kenneth
/ APPLICANT: Vogelstein, Bert
/ APPLICANT: Zhang, Lin
/ APPLICANT: Zhou, Wei
```

```
/ TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
/ TITLE OF INVENTION: Cancer Cells
/ FILE REFERENCE: 01107.74664
/ CURRENT APPLICATION NUMBER: US/09/081,646
/ CURRENT FILING DATE: 1998-05-20
/ EARLIER APPLICATION NUMBER: 60/047,352
/ EARLIER FILING DATE: 1997-05-21
/ NUMBER OF SEQ ID NOS: 871
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 863
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-081-646-863

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 374 ATGGCCTGTTTGG 387
Db 2 ATGGCCTGTATGAG 15

RESULT 1180
US-09-449-249-70
/ Sequence 70, Application US/09449249
/ Patent No. 6503886
/ GENERAL INFORMATION:
/ APPLICANT: Baird, J. Andrew
/ APPLICANT: Chandler, Lois Ann
/ APPLICANT: Sosnowski, Barbara A.
/ TITLE OF INVENTION: COMPOSITIONS CONTAINING NUCLEIC ACIDS AND LIGANDS FOR THEIR
/ NUMBER OF SEQUENCES: 128
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: SEED and BERRY LLP
/ STREET: 6300 Columbia Center, 701 Fifth Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: USA
/ ZIP: 98104-7092
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/449,249
/ FILING DATE: 24-No. 6503886-1999
/ CLASSIFICATION: <unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/718,904
/ FILING DATE: 24-SEP-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: No. 6503886tenburg Ph.D., Carol
/ REGISTRATION NUMBER: 39,317
/ REFERENCE/DOCKET NUMBER: 760100.415C1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 70:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: unknown
/ MOLECULE TYPE: cDNA
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 1..15
/ OTHER INFORMATION: /product= Enterokinase substrate linker
/ SEQUENCE DESCRIPTION: SEQ ID NO: 70:
US-09-449-249-70
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LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..15
OTHER INFORMATION: /product= Enterokinase substrate linker
PCT-US95-10973A-46

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1252 GACGACGACGCC 1265
Db 1 GACGACGACGCC 14

RESULT 1183
US-08-442-141-7
; Sequence 7, Application US/08442141
; Patent No. 5747251
; GENERAL INFORMATION:
; APPLICANT: CARSON, DENNIS A.
; APPLICANT: KOHSAKA, HITOSHI
; TITLE OF INVENTION: POLYMERASE CHAIN REACTION ASSAYS TO
; TITLE OF INVENTION: DETERMINE THE PRESENCE AND CONCENTRATION OF A TARGET
; TITLE OF INVENTION: NUCLEIC ACID IN A SAMPLE
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SPENSLEY HORN JUBAS & LUBITZ
; STREET: 1880 CENTURY PARK EAST, FIFTH FLOOR
; CITY: LOS ANGELES
; STATE: CALIFORNIA
; COUNTRY: US
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,141
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/354,449
; FILING DATE:
; APPLICATION NUMBER: US 08/088,077
; FILING DATE: 06-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: HOWELLS, STACY L.
; REGISTRATION NUMBER: 34,842
; REFERENCE/DOCKET NUMBER: PD2901
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..16
; US-08-442-141-7

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

LENGTH: 15
TYPE: DNA
ORGANISM: herpes simplex virus
FEATURE:
NAME/KEY: misc feature
LOCATION: (12)..(12)
OTHER INFORMATION: n = a or t
JS-07-868-539C-13

Query Match
Best Local Similarity 86.7%; Score 12.4; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 210 AAAAATGGAATCTA 224
Db 1 AAAAATGGAANCTA 15

RESULT 1182
PCT-US95-10973A-46
; Sequence 46, Application PC/TUS9510973A
; GENERAL INFORMATION:
; APPLICANT: Prizm Pharmaceuticals, Inc.
; TITLE OF INVENTION: CONJUGATES OF VASCULAR ENDOTHELIAL GROWTH FACTOR WITH TARGET
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED AND BERRY
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/10973A
; FILING DATE: 29-AUG-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Nottenburg, Carl
; REGISTRATION NUMBER: 39,317
; REFERENCE/DOCKET NUMBER: 760100.413PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1546 CCTCAGTTCCTT 1559
||| |||||
Db 2 CCCACAGTTCCTT 15

RESULT 1184

US-08-256-568B-22/c
; Sequence 22, Application US/08256568B
; Patent No. 5846704
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,568B
; FILING DATE: 18-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992

; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410,004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: HCV type 2a (Okamoto et
; INDIVIDUAL ISOLATE: al., 1991)
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: HCV type 2a
; MAP POSITION: position -165 of 5' end
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..16
; OTHER INFORMATION: /standard name= "HCV type
; OTHER INFORMATION: 2a specific probe HcPr156"
US-08-256-568B-22

Query Match 0.6%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 5.6e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1705 ACCGATCTTCCG 1718
||||| |||||
Db 15 ACCGATCTTCCG 2

RESULT 1185

US-09-235-246-12/c
; Sequence 12, Application US/09235246A
; Patent No. 6048719
; GENERAL INFORMATION:
; APPLICANT: Kong, Huimin
; APPLICANT: Higgins, Lauren S.
; APPLICANT: Dalton, Michael A.
; TITLE OF INVENTION: Method For Cloning And Producing The DraIII Restriction
; TITLE OF INVENTION: Endonuclease
; FILE REFERENCE: DraIII
; CURRENT APPLICATION NUMBER: US/09/235,246A
; CURRENT FILING DATE: 1999-01-22
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Deinococcus radiophilus
US-09-235-246-12

Query Match 0.6%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 5.6e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1438 GTCACCGAAGAGGA 1451
||||| |||||
Db 15 GTCACCGAAGAGAA 2

RESULT 1186

US-09-038-369B-22/c
; Sequence 22, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,369B
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0

ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES
US-08-535-249-43

Query Match 0.6%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 574 CTGTACATTGACAT 587
Db 16 CTGTACATTGACTT 3

RESULT 1188
US-09-378-900A-22/c
Sequence 22, Application US/09378900A
Patent No. 6495670
GENERAL INFORMATION:
APPLICANT: MAERTENS, GERT; STUYVER, LIEVEN.
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWIN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:

FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: HCV type 2a (Okamoto et
INDIVIDUAL ISOLATE: al., 1991)
POSITION IN GENOME:
CHROMOSOME/SEGMENT: HCV type 2a
MAP POSITION: position -165 of 5' end
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..16
OTHER INFORMATION: /standard name= "HCV type
OTHER INFORMATION: 2a specific probe HcPr156"
US-09-038-369B-22

Query Match 0.6%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1705 ACCAGTCTTCCCG 1718
Db 15 ACCAGTCTTCCCG 2

RESULT 1187
US-08-535-249-43/c
Sequence 43, Application US/08535249
Patent No. 6455689
GENERAL INFORMATION:
APPLICANT: Schlingensiepen, Georg-Ferdinand
APPLICANT: Brysch, Wolfgang
APPLICANT: Schlingensiepen, Karl-Hermann
APPLICANT: Schlingensiepen, Reimar
APPLICANT: Bogdahn, Ulrich
TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta
NUMBER OF SEQUENCES: 137
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/535,249
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 089.0
FILING DATE: 30-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 849.7
FILING DATE: 13-MAY-1993

;
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: HCV type 2a (Okamoto et
; al., 1991)
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: HCV type 2a
; MAP POSITION: position -165 of 5' end
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..16
; OTHER INFORMATION: /standard name= "HCV type
; 2a specific probe HcPr156"
US-09-378-900A-22

Query Match 0.6%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1705 ACCGATCTTCCCG 1718
Db 15 ACCAGTCTTCCCG 2

RESULT 1189
US-09-899-044-22/c
; Sequence 22, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,044
; FILING DATE: 06-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/378,900
; FILING DATE: <Unknown>
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:

;
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: HCV type 2a (Okamoto et
; al., 1991)
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: HCV type 2a
; MAP POSITION: position -165 of 5' end
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..16
; OTHER INFORMATION: /standard_name= "HCV type
; 2a specific probe HcPr156"
US-09-899-044-22

Query Match 0.6%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1705 ACCGATCTTCCCG 1718
Db 15 ACCAGTCTTCCCG 2

RESULT 1190
US-09-371-772B-5804
; Sequence 5804, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5804
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5804

Query Match 0.6%; Score 12.4; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.6e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 207 CCGAAAAATGGAAA 220
Db 2 CCGAAAAAUGAAAA 15

RESULT 1191
US-08-357-399-5/c
; Sequence 5, Application US/08357399
; Patent No. 5536821
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; APPLICANT: Tang, Jin-Yan

TITLE OF INVENTION: Site-Specific Functionalization of
TITLE OF INVENTION: Oligodeoxynucleotides for
TITLE OF INVENTION: No. 5536821-Radioactive Labelling
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/357,399
FILING DATE: 16-DEC-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/206175
FILING DATE: 03-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-014CPDV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-357-666-5

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 ACTACTTTGAATAC 1071
||| |||||
DB 14 ACTCCTTTGAATAC 1

RESULT 1193
US-08-206-175-5/c
Sequence 5, Application US/08206175
Patent No. 5563253
GENERAL INFORMATION:
APPLICANT: Agrawal, Sudhir and
APPLICANT: Jin-Yan Tang
TITLE OF INVENTION: Site-Specific Functionalization of
TITLE OF INVENTION: Oligodeoxynucleotides for
TITLE OF INVENTION: No. 5563253-Radioactive Labelling
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/206,175
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-014 CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TITLE OF INVENTION: Site-Specific Functionalization of
TITLE OF INVENTION: Oligodeoxynucleotides for
TITLE OF INVENTION: No. 5536821-Radioactive Labelling
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/357,399
FILING DATE: 16-DEC-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/206175
FILING DATE: 03-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-014CPDV2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-357-399-5

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 ACTACTTTGAATAC 1071
||| |||||
DB 14 ACTCCTTTGAATAC 1

RESULT 1192
US-08-357-666-5/c
Sequence 5, Application US/08357666
Patent No. 5541306
GENERAL INFORMATION:
APPLICANT: Agrawal, Sudhir
APPLICANT: Tang, Jin-Yan
TITLE OF INVENTION: Site-Specific Functionalization of
TITLE OF INVENTION: Oligodeoxynucleotides for
TITLE OF INVENTION: No. 5541306-Radioactive Labelling
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

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; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-206-175-5

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 ACTACTTTGAATAC 1071
DB 14 ACTCTTTGAATAC 1

RESULT 1194
US-08-179-738-23
; Sequence 23, Application US/08179738
; Patent No. 5578462
; GENERAL INFORMATION:
; APPLICANT: Seizinger, Bernd R.
; APPLICANT: Kley, Nikolai A.
; APPLICANT: Bianchi, Albert B.
; TITLE OF INVENTION: No. 5578462el NF2 Isoforms
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/179,738
; FILING DATE: 10-JAN-1994
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Robins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5998-0017
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-179-738-23

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1132 GAGTACCTGGAGAA 1145
DB 4 GAGTACATGGAGAA 17

RESULT 1195
US-08-234-613-44
; Sequence 44, Application US/08234613
; Patent No. 5582981
; GENERAL INFORMATION:
; APPLICANT: TOOLE, JOHN J.
; APPLICANT: LATHAM, JOHN

; APPLICANT: BOCK, LOUIS C.
; APPLICANT: GRIFFIN, LINDA C.
; TITLE OF INVENTION: APTAMER TARGET ELUTION METHOD
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/234,613
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/744,870
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GRACEY, NANCEY J.
; REGISTRATION NUMBER: 28,216
; REFERENCE/DOCKET NUMBER: 24610-20030.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-234-613-44

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 957 GGGAGGCGGTGGTT 970
DB 1 GGGATGCGGTGGTT 14

RESULT 1196
US-08-390-850-400
; Sequence 400, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
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OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 401:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-401
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
QY 1358 AGAAGCTCTTCCAAC 1371
Db 1 AAAACUCUCCAAAC 14
RESULT 1198
US-08-373-124A-190/c
Sequence 190, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 400:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
JS-08-390-850-400
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
QY 1358 AGAAGCTCTTCCAAC 1371
Db 3 AAAACUCUCCAAAC 16
RESULT 1197
US-08-390-850-401
Sequence 401, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848

; INFORMATION FOR SEQ ID NO: 190:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-190

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1485 GGTCAAGGAGGAGG 1498
DB 16 GGTCAAGGAGGAGG 3

RESULT 1199

US-08-373-124A-192/c
; Sequence 192, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 192:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-373-124A-192

Query Match 0.6%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1490 AGGAGGAGGTCAAG 1503
DB 14 AGGAGGAGGTCAAG 1

RESULT 1200

US-08-323-443B-6
; Sequence 6, Application US/08323443B
; Patent No. 5654170
; GENERAL INFORMATION:

; APPLICANT: KLINGER, KATHERINE W.
; APPLICANT: LANDES, GREGORY M.
; APPLICANT: BURN, TIMOTHY C.
; APPLICANT: CONNORS, TIMOTHY D.
; APPLICANT: DACKOWSKI, WILLIAM R.
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby PC
; STREET: 805 Third Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10022

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/323,443B
; FILING DATE: 12-OCT-1994
; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, S. Peter
; REGISTRATION NUMBER: 25,351
; REFERENCE/DOCKET NUMBER: 0372/0A462
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 527-7700
; TELEFAX: (212) 753-6237

; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PKD1 Reverse Primer 2"
US-08-323-443B-6

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1266 TGACAAGCGCATCT 1279
DB 4 TGACAAGCGCATCT 17

RESULT 1201

US-08-435-634-400
; Sequence 400, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:

; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustafson, John

APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS

NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 400:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-400

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1358 AGAAGCTCTTCCAC 1371
Db 3 AAAACUCUCCAC 16

RESULT 1202
US-08-435-634-401
Sequence 401, Application US/08435634
Patent No. 5731295
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Gustofson, John
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 401:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-401

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1358 AGAAGCTCTTCCAC 1371
Db 1 AAAACUCUCCAC 14

RESULT 1203
US-08-484-192-116
Sequence 116, Application US/08484192
Patent No. 5756291
GENERAL INFORMATION:
APPLICANT: GRIFFIN, LINDA C.
APPLICANT: ALBRECHT, GLENN
APPLICANT: LATHAM, JOHN
APPLICANT: LEUNG, LAWRENCE
APPLICANT: VERMAAS, ERIC
APPLICANT: TOOLE, JOHN J.
TITLE OF INVENTION: APOTAMERS SPECIFIC FOR BIOMOLECULES AND
METHODS OF MAKING
NUMBER OF SEQUENCES: 181
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,192
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/934,387
FILING DATE: 21-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: GRACEY, NANCY J.
REGISTRATION NUMBER: 28,216
REFERENCE/DOCKET NUMBER: 246102002221
TELEPHONE: 415-813-5600
TELEFAX: 415-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 116:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-484-192-116

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 957 GGGAGCGGTGCTT 970
Db 1 GGGATGCGGTGCTT 14

RESULT 1204
US-08-435-628-190/c
Sequence 190, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035

APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 190:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-190

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1485 GGTCAAGGAGGAGG 1498
Db 16 GGTCAAGGAGGAGG 3

RESULT 1205
US-08-435-628-192/c
Sequence 192, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 192:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

JS-08-435-628-192

Query Match 0.6%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 6.4e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

XY 1490 AGGAGGAGTCAAG 1503

DB 14 AGGAGGAGTCAAG 1

RESULT 1206

US-08-541-950B-17/c
; Sequence 17, Application US/08541950B

; Patent No. 5821046

; GENERAL INFORMATION:

; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C

; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION

; NUMBER OF SEQUENCES: 26

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Banner & Witcoff, Ltd.

; STREET: One Financial Center, 45th Floor

; CITY: Boston

; STATE: MA

; ZIP: 02111

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WordPerfect 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/541,950B

; FILING DATE: 10/10/95

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/960,370

; FILING DATE: 03/19/93

; ATTORNEY/AGENT INFORMATION:

; NAME: Williams, Ph.D., Kathleen M.

; REGISTRATION NUMBER: 34,380

; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 345-9100

; TELEFAX: (617) 345-9111

; INFORMATION FOR SEQ ID NO: 17:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 bases

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: synthetic RNA

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: 8

; OTHER INFORMATION: N is 2'-deoxythymidine

US-08-541-950B-17

Query Match 0.6%; Score 12.4; DB 1; Length 17;

Best Local Similarity 86.7%; Pred. No. 6.4e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 186 GCTGCTCAACTATGG 200

DB 17 GCTGCTCAANTCTGG 3

RESULT 1207

US-08-541-950B-20/c

; Sequence 20, Application US/08541950B

; Patent No. 5821046

; GENERAL INFORMATION:

; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C

; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION

; NUMBER OF SEQUENCES: 26

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Banner & Witcoff, Ltd.

; STREET: One Financial Center, 45th Floor

; CITY: Boston

; STATE: MA

; ZIP: 02111

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WordPerfect 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/541,950B

; FILING DATE: 10/10/95

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/960,370

; FILING DATE: 03/19/93

; ATTORNEY/AGENT INFORMATION:

; NAME: Williams, Ph.D., Kathleen M.

; REGISTRATION NUMBER: 34,380

; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 345-9100

; TELEFAX: (617) 345-9111

; INFORMATION FOR SEQ ID NO: 20:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 bases

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: synthetic RNA

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: 8

; OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine

US-08-541-950B-20

Query Match

Best Local Similarity 0.6%; Score 12.4; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 186 GCTGCTCAACTATGG 200

DB 17 GCTGCTCAANTCTGG 3

RESULT 1208

US-08-292-620A-1905

; Sequence 1905, Application US/08292620A

; Patent No. 5837542

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:


```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1905:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1905
;
; Query Match 0.6%; Score 12.4; DB 1; Length 17;
; Best Local Similarity 57.1%; Pred. No. 6.4e+02;
; Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
;
; QY 385 GAGTTCGTGTCAGTT 398
; Db 4 GAGUUCUGACAGUU 17
;
; RESULT 1209
; US-08-292-620A-1940
; Sequence 1940, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggan
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066

```

two

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1940:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1940
;
; Query Match 0.6%; Score 12.4; DB 1; Length 17;
; Best Local Similarity 57.1%; Pred. No. 6.4e+02;
; Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
;
; QY 385 GAGTTCGTGTCAGTT 398
; Db 4 GAGUUCUGACAGUU 17
;
; RESULT 1210
; US-08-237-973-57
; Sequence 57, Application US/08237973
; Patent No. 5840867
; GENERAL INFORMATION:
; APPLICANT: TOOLE, JOHN J.
; APPLICANT: LATHAM, JOHN
; APPLICANT: BOCK, LOUIS C.
; APPLICANT: GRIFFIN, LINDA C.
; TITLE OF INVENTION: APTAMER ANALOGS SPECIFIC FOR
; TITLE OF INVENTION: BIOMOLECULES
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/237,973
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,921
; FILING DATE: 06-NOV-1991

```

two

ATTORNEY/AGENT INFORMATION:
NAME: GRACEY, NANCY J.
REGISTRATION NUMBER: 28,216
REFERENCE/DOCKET NUMBER: 24610-20032.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-237-973-57

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 957 GGGAGCGGTGGT 970
|||||
DB 1 GGGATCGGTGGT 14

RESULT 1211
US-08-628-145-23
; Sequence 23, Application US/08628145
; Patent No. 5872214
; GENERAL INFORMATION:
; APPLICANT: Seizinger, Bernd R.
; APPLICANT: Kley, Nikolai A.
; APPLICANT: Bianchi, Albert B.
; TITLE OF INVENTION: No. 5872214e1 NF2 Isoforms
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: U.S.A
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/628,145
; FILING DATE: 04-APR-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/179,738
; FILING DATE: 10-JAN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Robins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5998-0017
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-628-145-23

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1132 GAGTACCTGGAGAA 1145
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DB 4 GAGTACATGGAGAA 17
RESULT 1212
US-08-856-141-13
; Sequence 13, Application US/08856141
; Patent No. 5948616
; GENERAL INFORMATION:
; APPLICANT: CHAO, JULIE
; APPLICANT: CHAO, JULIE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF
; TITLE OF INVENTION: CORRELATING TISSUE KALLIKEIN
; TITLE OF INVENTION: ESSENTIAL HYPERTENSION
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street, NE
; CITY: Atlanta
; STATE: GA
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/856,141
; FILING DATE: 14-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Miller, Mary L
; REGISTRATION NUMBER: 39,303
; REFERENCE/DOCKET NUMBER: 19070.0045
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; TELEX:
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-856-141-13

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 681 AGGAAGCTGGGACC 694
|||||
DB 4 AGGAAGCTGGGAAAC 17

RESULT 1213
US-08-985-162-36/c
; Sequence 36, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
US-08-985-162-36/c

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-36

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1836 TTATTGAACATCT 1849
Db 15 TTATTGAACATCT 2

RESULT 1214
US-08-985-162-37/c
; Sequence 37, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0

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; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-37

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1836 TTATTGAACATCT 1849
Db 14 TTATTGAACATCT 1

RESULT 1215
US-08-658-136-8
; Sequence 8, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C
; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

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schultz167-3.rni

Thu Sep 16 13:16:23 2004

```

; Patent No. 6114109
; GENERAL INFORMATION:
; APPLICANT: Kain J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/083,756A
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/541,950
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 8
; OTHER INFORMATION: N is 2'-deoxythymidine
; US-09-083-756A-17

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 186 GCTGCTCAACTATGG 200
Db 17 GCTGCTCAANTCTGG 3
|||||
|||||

RESULT 1218
US-09-083-756A-20/c
; Sequence 20, Application US/09083756A
; Patent No. 6114109
; GENERAL INFORMATION:
; APPLICANT: Kain J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/083,756A
; FILING DATE:
; RESULT 1217
US-09-083-756A-17/c
; Sequence 17, Application US/09083756A

```

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/541,950
;; FILING DATE: August 17, 1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Williams, Ph.D., Kathleen M.
;; REGISTRATION NUMBER: 34,380
;; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 345-9100
;; TELEFAX: (617) 345-9111
;; INFORMATION FOR SEQ ID NO: 20:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 bases
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: synthetic RNA
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: 8
;; OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine
US-09-083-756A-20

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 186 GCTGCTCAACTATGG 200
|||||
Db 17 GCTGCTCAANTCTGG 3

RESULT 1219

US-09-071-845-1905
; Sequence 1905, Application US/09071845
; Patent No. 6132967

GENERAL INFORMATION:

;; APPLICANT: Susan Grimm
;; APPLICANT: Dan T. Stinchcomb
;; APPLICANT: James McSwiggen
;; APPLICANT: Sean Sullivan
;; APPLICANT: Kenneth G. Draper
;; TITLE OF INVENTION: RIBOZYME TREATMENT OF
;; TITLE OF INVENTION: DISEASES OR CONDITIONS
;; TITLE OF INVENTION: RELATED TO LEVELS OF
;; TITLE OF INVENTION: INTRACELLULAR ADHESION
;; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
;; NUMBER OF SEQUENCES: 2390
;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/071,845
;; FILING DATE:
;; CLASSIFICATION:

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/292,620
;; FILING DATE: August 17, 1994
;; APPLICATION NUMBER: 08/008,895
;; FILING DATE: January 19, 1993
;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992

;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 1905:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-09-071-845-1905

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 6.4e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy 385 GAGTCTCTCAGTT 398
|||||
Db 4 GAGUUCGACAGUU 17

RESULT 1220

US-09-071-845-1940
; Sequence 1940, Application US/09071845
; Patent No. 6132967

GENERAL INFORMATION:

;; APPLICANT: Susan Grimm
;; APPLICANT: Dan T. Stinchcomb
;; APPLICANT: James McSwiggen
;; APPLICANT: Sean Sullivan
;; APPLICANT: Kenneth G. Draper
;; TITLE OF INVENTION: RIBOZYME TREATMENT OF
;; TITLE OF INVENTION: DISEASES OR CONDITIONS
;; TITLE OF INVENTION: RELATED TO LEVELS OF
;; TITLE OF INVENTION: INTRACELLULAR ADHESION
;; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
;; NUMBER OF SEQUENCES: 2390
;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/071,845
;; FILING DATE:
;; CLASSIFICATION:

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/292,620
;; FILING DATE: August 17, 1994
;; APPLICATION NUMBER: 08/008,895
;; FILING DATE: January 19, 1993
;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1940:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1940

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 6.4e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 385 GAGTCTCTCAGTT 398
DB 4 GAGUUCGACAGUU 17

RESULT 1221
US-08-584-040-1461/c
; Sequence 1461, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1461:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-1461

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 GAGTCTCTCAGTT 398
DB 4 GAGUUCGACAGUU 17

RESULT 1221
US-08-584-040-1461/c
; Sequence 1461, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1461:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-1461

QY 741 CCCGCTCGAGACG 754
DB 17 CCCGCTCGAGCCG 4

RESULT 1222
US-08-584-040-3886/c
; Sequence 3886, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3886:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-3886

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 943 CCTATGCTGATGCT 956
DB 17 CTTATGCTGATGCT 4

RESULT 1223
US-08-584-040-3923
; Sequence 3923, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3923:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-3923

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 943 CCTATGCTGATGCT 956
DB 17 CTTATGCTGATGCT 4

RESULT 1223
US-08-584-040-3923
; Sequence 3923, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3923:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-3923

schultz167-3.rni

Thu Sep 16 13:16:23 2004

APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5366:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5366

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1563 CAACCCCTCAGATT 1576
DB 2 CAACCCUUCAGAUU 15

RESULT 1226
US-08-584-040-5367
Sequence 5367, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5367:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5367

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1563 CAACCCCTCAGATT 1576
DB 1 CAACCCUUCAGAUU 14

RESULT 1227
US-08-584-040-7624/c
Sequence 7624, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7624:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7624

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 286 TTCTGTCGCTCCAT 299
 Db 14 TTCTTGAGCTCCAT 1

RESULT 1228

US-08-679-645-65/c
 ; Sequence 65, Application US/08679645
 ; Patent No. 6350934
 ; GENERAL INFORMATION:
 ; APPLICANT: Zwick, Michael G.
 ; APPLICANT: Edington, Brent E.
 ; APPLICANT: McSwiggen, James A.
 ; APPLICANT: Merlo, Patricia Ann Owens
 ; APPLICANT: Guo, Lining
 ; APPLICANT: Skokut, Thomas A.
 ; APPLICANT: Young, Scott A.
 ; APPLICANT: Folkerts, Otto
 ; APPLICANT: Merlo, Donald J.
 ; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
 ; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
 ; TITLE OF INVENTION: IN PLANTS
 ; NUMBER OF SEQUENCES: 1263
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/679,645
 ; FILING DATE: July 12, 1996
 ; CLASSIFICATION: 800
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/001,135
 ; FILING DATE: July 13, 1995
 ; APPLICATION NUMBER: 08/300,726
 ; FILING DATE: September 2, 1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 219/247
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 65:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

US-08-679-645-65

Query Match 0.6%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 6.4e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1558 TTCCCCAACCCCTC 1571
 Db 16 TTCCCCAACCCCTC 3

Query Match 0.6%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 6.4e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 1229

US-08-679-645-67/c
 ; Sequence 67, Application US/08679645
 ; Patent No. 6350934
 ; GENERAL INFORMATION:
 ; APPLICANT: Zwick, Michael G.
 ; APPLICANT: Edington, Brent E.
 ; APPLICANT: McSwiggen, James A.
 ; APPLICANT: Merlo, Patricia Ann Owens
 ; APPLICANT: Guo, Lining
 ; APPLICANT: Skokut, Thomas A.
 ; APPLICANT: Young, Scott A.
 ; APPLICANT: Folkerts, Otto
 ; APPLICANT: Merlo, Donald J.
 ; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
 ; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
 ; TITLE OF INVENTION: IN PLANTS
 ; NUMBER OF SEQUENCES: 1263
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/679,645
 ; FILING DATE: July 12, 1996
 ; CLASSIFICATION: 800
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/001,135
 ; FILING DATE: July 13, 1995
 ; APPLICATION NUMBER: 08/300,726
 ; FILING DATE: September 2, 1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 219/247
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 67:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

US-08-679-645-67

Query Match 0.6%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 6.4e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1558 TTCCCCAACCCCTC 1571
 Db 15 TTCCCCAACCCCTC 2

RESULT 1230

US-09-504-358-38/c
 ; Sequence 38, Application US/09504358
 ; Patent No. 6365376
 ; GENERAL INFORMATION:
 ; APPLICANT: Rouviere, Pierre E.
 ; APPLICANT: Brzostowicz, Patricia C.

;; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES
;; FILE REFERENCE: BC1001 US NA
;; CURRENT APPLICATION NUMBER: US/09/504,358
;; CURRENT FILING DATE: 2000-02-15
;; EARLIER APPLICATION NUMBER: 60/120,702
;; EARLIER FILING DATE: 1999-February-19
;; NUMBER OF SEQ ID NOS: 49
;; SOFTWARE: Microsoft Office 97
;; SEQ ID NO 38
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; FEATURE: Description of Artificial Sequence: primer
;; NAME/KEY: unsure
;; LOCATION: (14)...(17)
;; OTHER INFORMATION: v stands for any combination of A, C, or G at the last 4 position
;; OTHER INFORMATION: at the 3' end
JS-09-504-358-38

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1277 TCTCGATCTGCTCC 1290
Db 15 BBTGATCTGCTCC 2

RESULT 1231
JS-09-495-140-13
;; Sequence 13, Application US/09495140
;; Patent No. 6376182
;; GENERAL INFORMATION:
;; APPLICANT: CHAO, LEE
;; APPLICANT: CHAO, JULIE
;; APPLICANT: SONG, OING
;; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CORRELATING
;; TITLE OF INVENTION: TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH TREATMENT
;; TITLE OF INVENTION: OF ESSENTIAL HYPERTENSION
;; FILE REFERENCE: 19113.0081
;; CURRENT APPLICATION NUMBER: US/09/495,140
;; CURRENT FILING DATE: 2000-01-31
;; EARLIER APPLICATION NUMBER: 09/389,566
;; EARLIER FILING DATE: 1999-09-03
;; EARLIER APPLICATION NUMBER: 08/856,141
;; EARLIER FILING DATE: 1997-05-14
;; NUMBER OF SEQ ID NOS: 31
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 13
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: /No. 6376182e =
;; OTHER INFORMATION: synthetic construct
US-09-495-140-13

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 681 AGGAAGTGGGACC 694
Db 4 AGGAAGTGGGACC 17

RESULT 1232
US-09-554-314-38/c
;; Sequence 38, Application US/09954314
;; Patent No. 6465224
;; GENERAL INFORMATION:

;; APPLICANT: Rouviere, Pierre E.
;; APPLICANT: Brzostowicz, Patricia C.
;; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATE
;; FILE REFERENCE: BC1001 US NA
;; CURRENT APPLICATION NUMBER: US/09/954,314
;; CURRENT FILING DATE: 2001-09-17
;; PRIOR APPLICATION NUMBER: 60/120,702
;; PRIOR FILING DATE: 1999-February-19
;; NUMBER OF SEQ ID NOS: 49
;; SOFTWARE: Microsoft Office 97
;; SEQ ID NO 38
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: primer
;; NAME/KEY: unsure
;; LOCATION: (14)...(17)
;; OTHER INFORMATION: v stands for any combination of A, C, or G at the last 4 position
;; OTHER INFORMATION: at the 3' end
US-09-954-314-38

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1277 TCTCGATCTGCTCC 1290
Db 15 BBTGATCTGCTCC 2

RESULT 1233
US-09-371-772B-6/c
;; Sequence 6, Application US/09371772B
;; Patent No. 6566127
;; GENERAL INFORMATION:
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.
;; APPLICANT: Pavco, Pam
;; APPLICANT: McSwiggen, Jim
;; APPLICANT: Stinchcomb, Dan
;; APPLICANT: Escobedo, Jaime
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
;; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
;; FILE REFERENCE: MBH00,876-J (237/198)
;; CURRENT APPLICATION NUMBER: US/09/371,772B
;; CURRENT FILING DATE: 1999-08-10
;; PRIOR APPLICATION NUMBER: US 60/005,974
;; PRIOR FILING DATE: 1995-10-26
;; PRIOR APPLICATION NUMBER: US 08/584,040
;; PRIOR FILING DATE: 1996-01-08
;; NUMBER OF SEQ ID NOS: 14225
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 6
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-371-772B-6

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 741 CCCGCTCCGAGACG 754
Db 17 CCCGCTCCGAGCCG 4

RESULT 1234
US-09-371-772B-1653/c
;; Sequence 1653, Application US/09371772B
;; Patent No. 6566127
;; GENERAL INFORMATION:
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1653
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1653
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Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 943 CCTATGCTGATGCT 956
Db 17 CTTATGCTGATGCT 4
```

RESULT 1235

```
US-09-371-772B-1690
; Sequence 1690, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1690
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1690
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Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
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QY 2071 GTAATAAAATGGTA 2084
Db 4 GAAAUAAAUGGUA 17
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RESULT 1236

```
US-09-371-772B-1950/c
; Sequence 1950, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
```

```
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1950
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1950
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```
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1673 GCTGGTGAGCTCT 1686
Db 16 GCTGGTGAGCTCT 3
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RESULT 1237

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US-09-371-772B-2268
; Sequence 2268, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2268
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2268
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Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
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QY 1563 CAACCCCTCAGATT 1576
Db 2 CAACCCUUCAGAUU 15
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RESULT 1238

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US-09-371-772B-2269
; Sequence 2269, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
```

Thu Sep 16 13:16:23 2004

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; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2269
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
; US-09-371-772B-2269

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1563 CAACCCCTCAGATT 1576
      |||||:||||:
Db 1 CAACCCUUCAGAUU 14

RESULT 1239
US-09-371-772B-3416/c
; Sequence 3416, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3416
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
; US-09-371-772B-3416

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 286 TTCTTGCGCTCCAT 299
      |||||:|||||
Db 14 TTCTTGAGCTCCAT 1

RESULT 1240
US-09-371-772B-6260/c
; Sequence 6260, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6260
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6260

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1673 GCTGGGTGAGCTCT 1686
      |||||:|||||
Db 17 GCTGGGTGAGCTCT 4

RESULT 1242
US-09-371-772B-6747/c
; Sequence 6747, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6698
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6698

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1673 GCTGGGTGAGCTCT 1686
      |||||:|||||
Db 17 GCTGGGTGAGCTCT 4

RESULT 1241
US-09-371-772B-6698/c
; Sequence 6698, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6698
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6698

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 943 CCTATGCTGATGCT 956
      |||||:|||||
Db 16 CTTATGCTGATGCT 3
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; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6747
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6747

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 48 ACGGAGCGGAGCA 61
Db 15 AAGGAGCGGAGCA 2

RESULT 1243
US-09-371-772B-6748/c
; Sequence 6748, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6748
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6748

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 48 ACGGAGCGGAGCA 61
Db 14 AAGGAGCGGAGCA 1

RESULT 1244
US-09-371-772B-6863/c
; Sequence 6863, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
```

```
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6863
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6863

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1923 TTGGTTCGTCTTC 1936
Db 16 TTGGTTCGTCTTC 3

RESULT 1245
US-09-068-506-68
; Sequence 68, Application US/09068506A
; Patent No. 6569618
; GENERAL INFORMATION:
; APPLICANT: YASUE, Hirofumi
; APPLICANT: YOSHIMURA, Kumamoto
; TITLE OF INVENTION: DIAGNOSIS OF DISEASES ASSOCIATED WITH CORONARY
; FILE REFERENCE: TWITCHING
; FILE REFERENCE: 0032-245P
; CURRENT APPLICATION NUMBER: US/09/068,506A
; CURRENT FILING DATE: 1998-07-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 68
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primers
US-09-068-506-68

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1562 CCAACCCCTCAGAT 1575
Db 2 CCAGCCCTCAGAT 15

RESULT 1246
US-09-401-063-36/c
; Sequence 36, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; STREET: 633 West Fifth Street
```

```
STREET: Suite 4700
City: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401.063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-37
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1836 TTATTGAACATCT 1849
Db 14 TTATTGAACATCT 1

RESULT 1248
US-09-827-998-319
Sequence 319, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDAMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aemica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 319
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-319
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1405 GAAAGAGAGAGAAGA 1418
Db 2 GAAGAGAGAGAAGA 15

RESULT 1249
US-09-827-998-320
Sequence 320, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDAMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aemica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 319
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-319
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1836 TTATTGAACATCT 1849
Db 15 TTATTGAACATCT 2

RESULT 1247
US-09-401-063-37/c
Sequence 37, Application US/09401063
Patent No. 6623962
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
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; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 320
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-320

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1405 GAAAAAGAGAAAGA 1418
Db 1 GAAGAGAGAAAGA 14

RESULT 1250
US-09-866-108A-969/c
; Sequence 969, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 974
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-969

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1405 GAAAAAGAGAAAGA 1418
Db 1 GAAGAGAGAAAGA 14

RESULT 1251
US-09-866-108A-974/c
; Sequence 974, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 974
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-974

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1405 TTGGGCTGGGGGCC 478
Db 14 TTGGGCTGGGGGCC 14

RESULT 1252
US-09-866-108A-1460/c
; Sequence 1460, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
```

APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1460
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1460

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 675 CTTCCAGGAACGTG 688
DB 17 CTTCCAGGAGCTG 4

RESULT 1253
US-09-866-108A-1461/c
Sequence 1461, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US 60/207,456
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1460
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1460

PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1461
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1461

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 675 CTTCCAGGAACGTG 688
DB 16 CTTCCAGGAGCTG 3

RESULT 1254
US-09-866-108A-1462/c
Sequence 1462, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1462
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1462


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Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 675 CTTCAGGAGCTG 688
Db 15 CTTCAGGAGCTG 2

RESULT 1255
US-09-866-108A-1463/c
; Sequence 1463, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1463
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1463

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1971 CACTGCCTGCCCTC 1984
Db 17 CACTGCCTGCCATC 4

RESULT 1257
US-09-866-108A-2212/c
; Sequence 2212, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1463
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1463

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 675 CTTCAGGAGCTG 688
Db 14 CTTCAGGAGCTG 1

RESULT 1256
US-09-866-108A-2208/c
; Sequence 2208, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.

```

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2212
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
JS-09-866-108A-2212

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1970 ACAGTGCCTGCCT 1983
|||||
DB 14 ACAGTGCCTGCCT 1

RESULT 1258
JS-09-866-108A-2735
Sequence 2735, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2735
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2735

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1010 CAGCTGTGGCCTG 1023
|||||
DB 4 CAGCTGTGGCCTG 17

RESULT 1259
US-09-866-108A-2739
Sequence 2739, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2739
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2739

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1011 AGCTGTGGCCTG 1024
|||||
DB 1 AGCTGTGGCCTG 14

RESULT 1260
US-09-866-108A-6565
Sequence 6565, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.

```

; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6565
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6565

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1014 TGTGGCCCTGGATA 1027
DB 1 TCTGGCCCTGGATA 14

RESULT 1261
US-09-866-108A-7087
; Sequence 7087, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6565
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6565

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1014 TGTGGCCCTGGATA 1027
DB 1 TCTGGCCCTGGATA 14

RESULT 1261
US-09-866-108A-7087
; Sequence 7087, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6565
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6565

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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7087
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7087

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Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1458 CAAGGAGGAGGAGC 1471
DB 1 CAAGGAGGAGGAGC 14

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RESULT 1262
US-09-866-108A-8401
; Sequence 8401, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8401
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

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S-09-866-108A-8401

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 907 GCCAAGTGTGTGGA 920
|||||
b 2 GCCAAGTGTGAGGA 15

RESULT 1263

US-09-866-108A-8402
Sequence 8402, Application US/09866108A
Patent No. 6686188

GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8415
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-866-108A-8415

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1861 CTGGCGTCTCAAGG 1874
|||
Db 17 CTGGCGTCTCAAGG 4

RESULT 1265

US-09-866-108A-8416/c
Sequence 8416, Application US/09866108A
Patent No. 6686188

GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667

S-09-866-108A-8401

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 907 GCCAAGTGTGTGGA 920
|||||
b 2 GCCAAGTGTGAGGA 15

RESULT 1263

US-09-866-108A-8402
Sequence 8402, Application US/09866108A
Patent No. 6686188

GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8402
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-866-108A-8402

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 GCCAAGTGTGTGGA 920
|||||
Db 1 GCCAAGTGTGAGGA 14

RESULT 1264

US-09-866-108A-8415/c
Sequence 8415, Application US/09866108A
Patent No. 6686188

GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8416
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8416

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1861 CTGGGTCTTCAAGG 1874
Db 16 CTGGGTCTTCAAGG 3

RESULT 1266
US-09-866-108A-8417/c
; Sequence 8417, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8417
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8416

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1861 CTGGGTCTTCAAGG 1874
Db 16 CTGGGTCTTCAAGG 3

RESULT 1266
US-09-866-108A-8417/c
; Sequence 8417, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8417
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8416
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; ORGANISM: Homo sapiens
; US-09-866-108A-8417

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1861 CTGGGTCTTCAAGG 1874
Db 15 CTGGGTCTTCAAGG 2

RESULT 1267
US-09-866-108A-8418/c
; Sequence 8418, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8418
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8418

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1861 CTGGGTCTTCAAGG 1874
Db 14 CTGGGTCTTCAAGG 1

RESULT 1268
US-09-866-108A-8671
; Sequence 8671, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
```

```

; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8671
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8671

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1458 CAAGGAGGAGGAGC 1471
Db 1 CAAGGAGGAGGAGC 14

RESULT 1269
US-09-866-108A-8949/c
; Sequence 8949, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8671
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8671

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1458 CAAGGAGGAGGAGC 1471
Db 1 CAAGGAGGAGGAGC 14

RESULT 1269
US-09-866-108A-8949/c
; Sequence 8949, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8671
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8671

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1679 TCAGCTCTTCCAGG 1692
Db 15 TCAGCTCTTCCAGG 2

RESULT 1270
US-09-866-108A-8950/c
; Sequence 8950, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8949
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8949

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1679 TCAGCTCTTCCAGG 1692
Db 15 TCAGCTCTTCCAGG 2

RESULT 1270
US-09-866-108A-8950/c
; Sequence 8950, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8949
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? APPLICANT: GU, Yizhong
 ? APPLICANT: JI, Yonggang
 ? APPLICANT: PENN, Shatron G.
 ? APPLICANT: HANZEL, David K.
 ? APPLICANT: RANK, David R.
 ? APPLICANT: CHEN, Wensheng
 ? APPLICANT: SHANNON, Mark
 ? TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ? FILE REFERENCE: AEOMICA-7
 ? CURRENT APPLICATION NUMBER: US/09/866,108A
 ? CURRENT FILING DATE: 2001-05-25
 ? PRIOR APPLICATION NUMBER: US 60/207,456
 ? PRIOR FILING DATE: 2000-05-26
 ? PRIOR APPLICATION NUMBER: GB 24263.6
 ? PRIOR FILING DATE: 2000-10-04
 ? PRIOR APPLICATION NUMBER: US 60/236,359
 ? PRIOR FILING DATE: 2000-09-27
 ? PRIOR APPLICATION NUMBER: PCT/US01/00666
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00667
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00664
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00669
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00665
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00668
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00663
 ? PRIOR FILING DATE: 2001-01-30
 ? Remaining Prior Application data removed - See File Wrapper or PALM.
 ? NUMBER OF SEQ ID NOS: 15755
 ? SOFTWARE: Aeomica Sequence Listing Engine
 ? Patent No. 6686188
 ? SEQ ID NO 9225
 ? LENGTH: 17
 ? TYPE: DNA
 ? ORGANISM: Homo sapiens
 US-09-866-108A-9225

Query Match 0.6%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 6.4e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0

Qy 1977 CTGCCCTCTGCTG 1990
 Db 16 CTGCCCTCTGCTG 3

RESULT 1273
 PCT-US95-11477-7/c
 ? Sequence 7, Application PC/TUS9511477
 ? GENERAL INFORMATION:
 ? APPLICANT: Hybridon, Inc.
 ? TITLE OF INVENTION: Oligonucleotide Prodrugs
 ? NUMBER OF SEQUENCES: 10
 ? CORRESPONDENCE ADDRESS:
 ? ADDRESSEE: Japlin & Kusmer
 ? STREET: 200 State Street
 ? CITY: Boston
 ? STATE: Massachusetts
 ? COUNTRY: USA
 ? ZIP: 02109
 ? COMPUTER READABLE FORM:
 ? MEDIUM TYPE: Floppy disk
 ? COMPUTER: IBM PC compatible
 ? OPERATING SYSTEM: PC-DOS/MS-DOS
 ? SOFTWARE: PatentIn Release #1.0, Version #1.25
 ? CURRENT APPLICATION DATA:
 ? APPLICATION NUMBER: PCT/US95/11477
 ? FILING DATE:
 ? CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Keiner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-025PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US95-11477-7

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 ACTCTTTCATAC 1071
Db 14 ACTCCTTGATAC 1

RESULT 1274
US-07-766-351-17/c
; Sequence 17, Application US/07766351
; Patent No. 5292652
; GENERAL INFORMATION:
; APPLICANT: Sinha, Sukanto
; APPLICANT: Seubert, Peter A.
; APPLICANT: Dovey, Harry F.
; APPLICANT: McConlogue, Lisa C.
; APPLICANT: Little, Sheila P.
; APPLICANT: Johnstone, Edward M.
; TITLE OF INVENTION: Amyloidin Protease and Uses Thereof
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Athena Neurosciences, Inc.
; STREET: 800F Gateway Blvd.
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/766,351
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, Lisabeth Feix
; REGISTRATION NUMBER: 31547
; REFERENCE/DOCKET NUMBER: 17796-002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 877-0900
; TELEFAX: (415) 877-8370
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-07-766-351-17

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 82 ACCCGAGGAAAGT 95
Db 14 ACCAGGAGAAAGT 1

RESULT 1275
US-08-059-032-17/c
; Sequence 17, Application US/08059032
; Patent No. 542405
; GENERAL INFORMATION:
; APPLICANT: Sinha, Sukanto
; APPLICANT: Seubert, Peter A.
; APPLICANT: Dovey, Harry F.
; APPLICANT: McConlogue, Lisa C.
; APPLICANT: Little, Sheila P.
; APPLICANT: Johnstone, Edward M.
; TITLE OF INVENTION: Amyloidin Protease and Uses Thereof
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: One Market Plaza, Steuart Street Tower,
; STREET: Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/059,032
; FILING DATE: 19930507
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William E.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 15270-10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-059-032-17

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 82 ACCCGAGGAAAGT 95
Db 14 ACCAGGAGAAAGT 1

RESULT 1276
US-08-170-095B-34/c
; Sequence 34, Application US/08170095B
; Patent No. 5563254
; GENERAL INFORMATION:
; APPLICANT: Hoffman, Stephen J.


```
; APPLICANT: Nagai, Kiyoshi
; TITLE OF INVENTION: Blood Substitutes
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Somatogen, Inc.
; STREET: 2545 Central Avenue
; CITY: Boulder
; STATE: Colorado
; ZIP: 80301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: System 7.0.1
; SOFTWARE: Microsoft Word 5.0a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/170,095B
; FILING DATE: December 20, 1993
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5663254ak, Henry P.
; REGISTRATION NUMBER: 33200
; REFERENCE/DOCKET NUMBER: Hoffman 2A/CONT2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303-541-3322
; TELEFAX: 303-444-3013
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown to applicant
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: primer
; HYPOTHETICAL: no
US-08-170-095B-34

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 506 CTGGCTTCTGTAC 519
Db 17 CTGGCTTCTGTTC 4

RESULT 1277
US-08-248-474-114
; Sequence 114, Application US/08248474
; Patent No. 5612471
; GENERAL INFORMATION:
; APPLICANT: MCK. BIRD, David
; APPLICANT: WILSON, Mark A.
; TITLE OF INVENTION: NEMATODE-INDUCE GENES IN TOMATO
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: Steuart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/248,474
; FILING DATE: 25-MAY-1994
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Bastian, Kevin L.
; REGISTRATION NUMBER: 34,774
```

```
; REFERENCE/DOCKET NUMBER: 2307E-535
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 543-9600
; TELEFAX: (415) 543-5043
; INFORMATION FOR SEQ ID NO: 114:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 1..18
; OTHER INFORMATION: /standard_name= "P46"
US-08-248-474-114

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1497 GGTCAAGTTGGCCT 1510
Db 1 GGCCTAAGTTGGCCT 14

RESULT 1278
US-08-396-866-34/c
; Sequence 34, Application US/08396866
; Patent No. 5661124
; GENERAL INFORMATION:
; APPLICANT: Hoffman, Stephen J.
; APPLICANT: Nagai, Kiyoshi
; TITLE OF INVENTION: Blood Substitutes
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Somatogen, Inc.
; STREET: 5797 Central Avenue
; CITY: Boulder
; STATE: Colorado
; ZIP: 80301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: System 7.0.1
; SOFTWARE: Microsoft Word 5.0a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/396,866
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/062,780
; FILING DATE: May 17, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5661124ak, Henry P.
; REGISTRATION NUMBER: 33200
; REFERENCE/DOCKET NUMBER: Hoffman
; REFERENCE/DOCKET NUMBER: 2A/CONT1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303-541-3322
; TELEFAX: 303-444-3013
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown to applicant
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: primer
; HYPOTHETICAL: no
US-08-396-866-34
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Query Match 0.6%; Score 12.4; DB 1; Length 18;

RESULT 1280
US-08-424-663-6
; Sequence 6, Application US/08424663
; Patent No. 5750341

RESULT 1281
 US-08-541-950B-23/c
 ; Sequence 23, Application US/08541950B
 ; Patent No. 5821046
 ; GENERAL INFORMATION:
 ; APPLICANT: Kairn J, Gait MJ, Heaphy S, Dingwall C
 ; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
 ; NUMBER OF SEQUENCES: 26
 ; CORRESPONDENCE ADDRESSES:
 ; ADDRESSEE: Banner & Witcoff, Ltd.
 ; STREET: One Financial Center, 45th Floor
 ; CITY: Boston
 ; STATE: MA
 ; ZIP: 02111
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Wordperfect 6.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/541,950B
 ; FILING DATE: 10/10/95
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 07/960,370
 ; FILING DATE: 03/19/93
 ; ATTORNEY/AGENT INFORMATION:

```

; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-OlliaX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 8
; OTHER INFORMATION: N is 4-thio-2'-deoxythymidine
US-08-541-950B-23

Query Match          0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      186 GCTGCTCAACTATGG 200
Db      17 GCTGCTCAANTCTGG 3

RESULT 1282
US-08-415-788-35
; Sequence 35, Application US/08415788
; Patent No. 5834591
; GENERAL INFORMATION:
; APPLICANT: NORMARK, STAFFAN
; APPLICANT: JONSSON, ANN-BETH
; TITLE OF INVENTION: FOR THE DIAGNOSIS AND POLYNUCLEOTIDES USEFUL
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/415,788
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/829,465
; FILING DATE: 31-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: SCHWENNING, LYNV E.
; REGISTRATION NUMBER: 37,233
; REFERENCE/DOCKET NUMBER: 29500-20046.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-415-788-35
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```

Query Match          0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      66 GCGCAGACGCGCAGG 79
Db      1 GCGCAGGCGCGCAGG 14

RESULT 1283
US-08-771-182-6
; Sequence 6, Application US/08771182
; Patent No. 5929209
; GENERAL INFORMATION:
; APPLICANT: Haddock Dr., John R.
; APPLICANT: Ozenberger Dr., Bradley A.
; APPLICANT: Pausch Dr., Mark H.
; TITLE OF INVENTION: Receptor Identification Method
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Home Products Corporation
; STREET: One Campus Drive
; CITY: Parsippany
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07054
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/771,182
; FILING DATE: 20-DEC-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Matthews, Gale F.
; REGISTRATION NUMBER: 32,269
; REFERENCE/DOCKET NUMBER: 31,829-D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-683-2134
; TELEFAX: 201-683-4117
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Synthetic
; PUBLICATION INFORMATION:
; AUTHORS: Haddock Dr., John R.
; AUTHORS: Dr. Ozenberger, Bradley A.
; AUTHORS: Dr. Pausch, Mark H.
; TITLE: Receptor Identification Method
; DATE: 20-DEC-1996
US-08-771-182-6

Query Match          0.8%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1200 CCAATGCGAGCGGA 1213
Db      2 CCAATGAGGCGGA 15

RESULT 1284
US-08-928-692-38
; Sequence 38, Application US/08928692
```

Patent No. 5958727
GENERAL INFORMATION:
APPLICANT: Brody, Howard
APPLICANT: Yaver, Deborah S.
APPLICANT: Iamsa, Michael
APPLICANT: Hansen, Kim
TITLE OF INVENTION: Methods for Modifying the Production of
TITLE OF INVENTION: a polypeptide
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5958727o No. 5958727disk of No. 5958727th America, Inc.
STREET: 405 Lexington Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10174
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/928,692
FILING DATE: 12-SEPT-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4944.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-928-692-38

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1411 GAGAAAGACCCAGA 1424
DB 2 GAGAAAGACCCAGA 15
RESULT 1285
US-09-205-144-36/c
Sequence 36, Application US/09205144
Patent No. 5958771
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2 EXPRES
FILE REFERENCE: RTS-0021
CURRENT APPLICATION NUMBER: US/09/205,144
CURRENT FILING DATE: 1998-12-03
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 36
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-144-36

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1411 GAGAAAGACCCAGA 1424
DB 2 GAGAAAGACCCAGA 15
RESULT 1285
US-09-205-144-36/c
Sequence 36, Application US/09205144
Patent No. 5958771
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2 EXPRES
FILE REFERENCE: RTS-0021
CURRENT APPLICATION NUMBER: US/09/205,144
CURRENT FILING DATE: 1998-12-03
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 36
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-144-36

QY 1333 GAAGAGGAGGAGA 1346
DB 16 GAAGAGGAGGAGA 3
RESULT 1286
US-09-197-378-28
Sequence 28, Application US/09197378
Patent No. 5959097
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION
FILE REFERENCE: RTS-0017
CURRENT APPLICATION NUMBER: US/09/197,378
CURRENT FILING DATE: 1998-11-20
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 28
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-378-28

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 110 ACGGGATGTTGGA 123
DB 5 ACGGGATGTTGGA 18
RESULT 1287
US-09-197-378-39
Sequence 39, Application US/09197378
Patent No. 5959097
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION
FILE REFERENCE: RTS-0017
CURRENT APPLICATION NUMBER: US/09/197,378
CURRENT FILING DATE: 1998-11-20
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 39
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-378-39

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2056 TTTGTGAGCCTCTT 2069
DB 4 TTTGTGAGCCTCTT 17
RESULT 1288
US-09-156-425-32
Sequence 32, Application US/09156425B
Patent No. 5962671
GENERAL INFORMATION:
APPLICANT: Baker, Brenda F.
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF FAN EXPRESSION
FILE REFERENCE: RTS-0009

US-08-872-446-6
; CURRENT APPLICATION NUMBER: US/09/156,425B
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-156-425-32

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1837 TATTGAACATTCTA 1850
Db 1 TGTGAACATTCTA 14

RESULT 1289
US-08-872-446-6
; Sequence 6, Application US/08872446
; Patent No. 5969119
; GENERAL INFORMATION:
; APPLICANT: Macevitz, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Parallel
; TITLE OF INVENTION: Oligonucleotide Extensions
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/872.446
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/424,663
; FILING DATE: 17-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Powers, Vincent M.
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0015/peolus
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 324-0960
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-872-446-6

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1339 GAGGAGAGGGGGG 1352
Db 1 GAGGAGAGGGGGG 14

RESULT 1290

US-08-872-446-10/c
; Sequence 10, Application US/08872446
; Patent No. 5969119
; GENERAL INFORMATION:
; APPLICANT: Macevitz, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Parallel
; TITLE OF INVENTION: Oligonucleotide Extensions
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/872.446
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/424,663
; FILING DATE: 17-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Powers, Vincent M.
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0015/peolus
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 324-0880
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-872-446-10

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1339 GAGGAGAGGGGGG 1352
Db 18 GAGGAGAGGGGGG 5

RESULT 1291
US-09-138-024-14
; Sequence 14, Application US/09138024A
; Patent No. 6004779
; GENERAL INFORMATION:
; APPLICANT: Bradley, John D.
; APPLICANT: Thompson, Craig M.
; APPLICANT: Moore, Jeffrey B.
; APPLICANT: Wobbe, C. Richard
; APPLICANT: Healy, Judith M.
; APPLICANT: Donnelly, Caroline E.
; TITLE OF INVENTION: REGULATED GENE EXPRESSION IN YEAST
; FILE REFERENCE: 0342/1D469US1
; CURRENT APPLICATION NUMBER: US/09/138,024A
; CURRENT FILING DATE: 1998-08-21
; EARLIER APPLICATION NUMBER: 60/056,719
; EARLIER FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA

ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: HISGCH PCR primer
 JS-09-138-024-14

Query Match 0.6%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 7.3e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 196 TATGGTCTCTACCG 209
 |||||
 DB 3 TTGGTCTCTACCG 16

RESULT 1292
 JS-08-445-463B-26/c
 ; Sequence 26, Application US/08445463B
 ; Patent No. 6033890

GENERAL INFORMATION:
 APPLICANT: Jakobovits, Edward B.
 APPLICANT: Silen, Joy L.
 APPLICANT: Levy, Mark J.
 APPLICANT: Goodman, Thomas C.
 APPLICANT: Becker, Martin
 APPLICANT: Ullman, Edwin F.
 APPLICANT: Caldwell, Robert M.
 APPLICANT: Bott, Richard R.
 APPLICANT: Barnett, Christopher C.
 TITLE OF INVENTION: Homogenous Immunoassays Using Mutant
 TITLE OF INVENTION: Glucose-6-phosphate Dehydrogenases
 NUMBER OF SEQUENCES: 124
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dade Behring Inc.
 STREET: 1717 Deerfield Road
 CITY: Deerfield
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60015

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/445,463B
 FILING DATE: 22-MAY-1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/044,857
 FILING DATE: 08-APR-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Ruzsala, Lois K.
 REGISTRATION NUMBER: 39,074
 REFERENCE/DOCKET NUMBER: BEH-7261 DIV 2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (847) 267-5364
 TELEFAX: (847) 267-5376
 INFORMATION FOR SEQ ID NO: 26:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO

JS-08-445-463B-26
 Query Match 0.6%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 7.3e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 509 GCTTCTGTTACGTC 522

DB 14 GCACTGTTACGTC 1
 |||||

RESULT 1293
 US-09-339-993-34
 ; Sequence 34, Application US/09339993A
 ; Patent No. 6040179

GENERAL INFORMATION:
 APPLICANT: Lex M. Cowser
 TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I2 EXPRESSION
 FILE REFERENCE: RTS-0064
 CURRENT APPLICATION NUMBER: US/09/339,993A
 CURRENT FILING DATE: 1999-06-25
 NUMBER OF SEQ ID NOS: 47
 SEQ ID NO 34
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-339-993-34

Query Match 0.6%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 7.3e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1445 AAGAGGAGAGAAACC 1458
 |||||
 DB 4 AAGAGGAGAGAAAGC 17

RESULT 1294

US-09-289-377-10/c
 ; Sequence 10, Application US/09289377
 ; Patent No. 6046321

GENERAL INFORMATION:
 APPLICANT: Lex M. Cowser
 TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I1 EXPRESSION
 FILE REFERENCE: RTS-0058
 CURRENT APPLICATION NUMBER: US/09/289,377
 CURRENT FILING DATE: 1999-04-09
 NUMBER OF SEQ ID NOS: 47
 SEQ ID NO 10
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-289-377-10

Query Match 0.6%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 7.3e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1328 ATTCTGAGAGGAG 1341
 |||||
 DB 14 ATTCTGAGAGGAG 1

RESULT 1295
 US-09-199-859-40/c
 ; Sequence 40, Application US/09199859
 ; Patent No. 6069008

GENERAL INFORMATION:
 APPLICANT: C. Frank Bennett
 APPLICANT: Brett P. Monia
 APPLICANT: Lex M. Cowser
 TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
 FILE REFERENCE: RTS-0025
 CURRENT APPLICATION NUMBER: US/09/199,859
 CURRENT FILING DATE: 1998-11-25
 NUMBER OF SEQ ID NOS: 47

US-08-853-194-6

Sequence 175, Application US/09166186A	Sequence 175, Application US/09166186A
Patent No. 6080580	Patent No. 6080580
GENERAL INFORMATION:	GENERAL INFORMATION:
APPLICANT: Baker, Brenda	APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank	APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.	APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.	APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION	TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322	FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A	CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05	CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250	NUMBER OF SEQ ID NOS: 250
SEQ ID NO 175	SEQ ID NO 175
LENGTH: 18	LENGTH: 18
TYPE: DNA	TYPE: DNA
ORGANISM: Artificial Sequence	ORGANISM: Artificial Sequence
FEATURE:	FEATURE:
OTHER INFORMATION: antisense sequence	OTHER INFORMATION: antisense sequence
US-09-166-186-175	US-09-166-186-175
Query Match	Query Match
Best Local Similarity	Best Local Similarity
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY	QY
Db	Db
RESULT 1300	RESULT 1300
US-09-166-186-176	US-09-166-186-176
Sequence 176, Application US/09166186A	Sequence 176, Application US/09166186A
Patent No. 6080580	Patent No. 6080580
GENERAL INFORMATION:	GENERAL INFORMATION:
APPLICANT: Baker, Brenda	APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank	APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.	APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.	APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION	TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322	FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A	CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05	CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250	NUMBER OF SEQ ID NOS: 250
SEQ ID NO 176	SEQ ID NO 176
LENGTH: 18	LENGTH: 18
TYPE: DNA	TYPE: DNA
ORGANISM: Artificial Sequence	ORGANISM: Artificial Sequence
FEATURE:	FEATURE:
OTHER INFORMATION: antisense sequence	OTHER INFORMATION: antisense sequence
US-09-166-186-176	US-09-166-186-176
Query Match	Query Match
Best Local Similarity	Best Local Similarity
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY	QY
Db	Db
RESULT 1301	RESULT 1301
US-08-445-464C-26/c	US-08-445-464C-26/c
Sequence 26, Application US/08445464C	Sequence 26, Application US/08445464C
Patent No. 6090567	Patent No. 6090567
GENERAL INFORMATION:	GENERAL INFORMATION:
APPLICANT: Jakobovits, Edward B.	APPLICANT: Jakobovits, Edward B.
APPLICANT: Silen, Joy L.	APPLICANT: Silen, Joy L.
APPLICANT: Levy, Mark J.	APPLICANT: Levy, Mark J.
APPLICANT: Goodman, Thomas C.	APPLICANT: Goodman, Thomas C.
APPLICANT: Becker, Martin	APPLICANT: Becker, Martin
APPLICANT: Ullman, Edwin F.	APPLICANT: Ullman, Edwin F.
APPLICANT: Caldwell, Robert M.	APPLICANT: Caldwell, Robert M.
APPLICANT: Bott, Richard R.	APPLICANT: Bott, Richard R.
TITLE OF INVENTION: Antisense Sequence	TITLE OF INVENTION: Antisense Sequence
FILE REFERENCE: ISPH-0322	FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A	CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05	CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250	NUMBER OF SEQ ID NOS: 250
SEQ ID NO 176	SEQ ID NO 176
LENGTH: 18	LENGTH: 18
TYPE: DNA	TYPE: DNA
ORGANISM: Artificial Sequence	ORGANISM: Artificial Sequence
FEATURE:	FEATURE:
OTHER INFORMATION: antisense sequence	OTHER INFORMATION: antisense sequence
US-09-166-186-176	US-09-166-186-176
Query Match	Query Match
Best Local Similarity	Best Local Similarity
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY	QY
Db	Db
RESULT 1302	RESULT 1302
US-08-756-849-114	US-08-756-849-114
Sequence 114, Application US/08756849	Sequence 114, Application US/08756849
Patent No. 6093810	Patent No. 6093810
GENERAL INFORMATION:	GENERAL INFORMATION:
APPLICANT: Bird, David McK.	APPLICANT: Bird, David McK.
APPLICANT: Wilson, Mark A.	APPLICANT: Wilson, Mark A.
TITLE OF INVENTION: Nematode-Induced Genes in Tomato	TITLE OF INVENTION: Nematode-Induced Genes in Tomato
NUMBER OF SEQUENCES: 129	NUMBER OF SEQUENCES: 129
CORRESPONDENCE ADDRESS:	CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew LLP	ADDRESSEE: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor	STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco	CITY: San Francisco
STATE: California	STATE: California
COUNTRY: USA	COUNTRY: USA
ZIP: 94111-3834	ZIP: 94111-3834
COMPUTER READABLE FORM:	COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk	MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible	COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS	OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30	SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:	CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/756,849	APPLICATION NUMBER: US/08/756,849

RESULT 1308
US-09-313-932-173
; Sequence 173, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank

; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-175

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 851 CAGACTCCCTATCT 864
Db 2 CAGACACCTATCT 15
||||| |||||

RESULT 1311
US-09-313-932-176
; Sequence 176, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 176
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-176

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 851 CAGACTCCCTATCT 864
Db 1 CAGACACCTATCT 14
||||| |||||

RESULT 1312
US-09-167-681-18/c
; Sequence 18, Application US/09167681A
; Patent No. 6265561
; GENERAL INFORMATION:
; APPLICANT: Weinshilbom, M.D., Richard M.
; APPLICANT: Raftogiannis, Rebecca B.
; APPLICANT: Wood, Thomas C.
; APPLICANT: Ottewill, Diane M.
; TITLE OF INVENTION: SULFOTRANSFERASE SEQUENCE VARIANTS
; FILE REFERENCE: 07039/118001
; CURRENT APPLICATION NUMBER: US/09/167,681A
; CURRENT FILING DATE: 1998-10-07
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-167-681-18

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 137 GACAAGGCCACCCA 150
Db 18 GCCAAGGCCACCCA 5
||||| |||||

RESULT 1313
US-08-881-450A-12
; Sequence 12, Application US/08881450A
; Patent No. 6274310
; GENERAL INFORMATION:
; APPLICANT: Habener, J.P. and Stoffers, D.A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: PANCREATIC DISEASE
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Inc.
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/881,450A
; FILING DATE: June 24, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathleen M. Williams
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 11275/7823
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; FEATURE:
; NAME/KEY: primer S12
US-08-881-450A-12

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1490 AGGAGGAGGTCAAG 1503
Db 1 AGGAGGAGGACCAAG 14
||||| |||||

RESULT 1314
US-09-280-270A-6
; Sequence 6, Application US/09280270A
; Patent No. 6306597
; GENERAL INFORMATION:
; APPLICANT: Macevicz, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Parallel
; Oligonucleotide Extensions
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates

STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,270A
FILING DATE: 29-Mar-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/424,663
FILING DATE: 17-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Powers, Vincent M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-280-270A-6
Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1339 GAGGGAGAGGGGGG 1352
DB 1 GAGGGAGAGGGGGG 14

STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,270A
FILING DATE: 29-Mar-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/424,663
FILING DATE: 17-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Powers, Vincent M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-280-270A-6
Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1339 GAGGGAGAGGGGGG 1352
DB 1 GAGGGAGAGGGGGG 14

STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,270A
FILING DATE: 29-Mar-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/424,663
FILING DATE: 17-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Powers, Vincent M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-280-270A-6
Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1339 GAGGGAGAGGGGGG 1352
DB 1 GAGGGAGAGGGGGG 14

REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-280-270A-10
Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1339 GAGGGAGAGGGGGG 1352
DB 18 GAGGGAGAGGGGGG 5

RESULT 1316
US-09-339-972-38
Sequence 38, Application US/09339972
Patent No. 6323002
GENERAL INFORMATION:
APPLICANT: Brody, Howard
APPLICANT: Yaver, Deborah S.
APPLICANT: Lamsa, Michael
APPLICANT: Hansen, Kim
TITLE OF INVENTION: Methods for Modifying the Production of
TITLE OF INVENTION: a Polypeptide
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSER: No. 6323002o No. 6323002disk of No. 6323002th America, Inc.
STREET: 405 Lexington Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10174
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/339,972
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/928,692
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4944.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-339-972-38
Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1411 GAGAAAGACCCAGA 1424

```

Db      ||||| ||||| |||
        2 GAGAAAGACCAAGA 15

RESULT 1317
US-08-584-040-8369
; Sequence 8369, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8369:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8369

Query Match      0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 64.3%; Pred. No. 7.3e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      1520 TCTCCAGCTCTGGC 1533
Db      :|||:|:|:|
        2 UCUCACGUGGCG 15

RESULT 1318
US-09-342-681C-49/c
; Sequence 49, Application US/09342681C
; Patent No. 6355782
; GENERAL INFORMATION:
; APPLICANT: Zonana et al.
; TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins
; FILE REFERENCE: 52978

```

```

; CURRENT APPLICATION NUMBER: US/09/342,681C
; CURRENT FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: 60/092,279
; PRIOR FILING DATE: 1998-07-09
; PRIOR APPLICATION NUMBER: 60/112,366
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 49
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide primer that were used to clone
; OTHER INFORMATION: human DL.
US-09-342-681C-49

Query Match      0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1691 GGAGCCACCTTGCC 1704
Db      ||||| ||||| |||
        14 GCGGCCACCTTGCC 1

RESULT 1319
US-09-404-066-14
; Sequence 14, Application US/09404066
; Patent No. 6365409
; GENERAL INFORMATION:
; APPLICANT: Bradley, John D.
; APPLICANT: Thompson, Craig M.
; APPLICANT: Moore, Jeffrey B.
; APPLICANT: Wobbe, C. Richard
; APPLICANT: Healy, Judith M.
; APPLICANT: Donnelly, Caroline E.
; TITLE OF INVENTION: REGULATED GENE EXPRESSION IN YEAST
; FILE REFERENCE: 0342/1D469US1
; CURRENT APPLICATION NUMBER: US/09/404,066
; CURRENT FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: US 09/138,024
; PRIOR FILING DATE: 1998-08-21
; PRIOR APPLICATION NUMBER: 60/056,719
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HISGCH PCR primer
US-09-404-066-14

Query Match      0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      196 TATGGTCTCTACCG 209
Db      ||||| ||||| |||
        3 TTGGTCTCTACCG 16

RESULT 1320
US-09-144-367-31/c
; Sequence 31, Application US/09144367
; Patent No. 6432639
; GENERAL INFORMATION:
; APPLICANT: Lichter, Jay
; APPLICANT: Guido, Marco
; TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4

```

File Reference	Seq ID	Score	DB	Length	Indels	Gaps
FILE REFERENCE: SEQ-12P						
CURRENT APPLICATION NUMBER: US/09/144,367						
CURRENT FILING DATE: 1998-08-31						
PRIOR APPLICATION NUMBER: 60/058,612						
PRIOR FILING DATE: 1997-09-10						
NUMBER OF SEQ ID NOS: 58						
SOFTWARE: FastSeq for Windows Version 3.0						
SEQ ID NO 31						
LENGTH: 18						
TYPE: DNA						
ORGANISM: H. sapiens						
US-09-144-367-31						
Query Match	0.6%	Score 12.4;	DB 1;	Length 18;		
Best Local Similarity	92.9%	Pred. No. 7.3e+02;				
Matches 13; Conservative	0;	Mismatches 1;	Indels			
2Y	155	AGCCTACCGAATC 168				
Db	16	AGCCTCACTGAATC 3				
RESULT 1321						
US-08-044-857D-26/c						
Sequence 26, Application US/08044857D						
Patent No. 6455288						
GENERAL INFORMATION:						
APPLICANT: Jakobovits, Edward B.						
Silen, Joy L.						
Levy, Mark J.						
Goodman, Thomas C.						
Becker, Martin						
Caldwell, Robert M.						
Bott, Richard R.						
Barnett, Christopher C.						
TITLE OF INVENTION: Homogeneous Immunoassays Using Mutant						
Glucose-6-Phosphate Dehydrogenases						
NUMBER OF SEQUENCES: 124						
CORRESPONDENCE ADDRESS:						
ADDRESSEE: Dade Behring Inc.						
STREET: 1717 Deerfield Road						
CITY: Deerfield						
STATE: Illinois						
COUNTRY: USA						
ZIP: 60015						
COMPUTER READABLE FORM:						
MEDIUM TYPE: Floppy disk						
COMPUTER: IBM PC compatible						
OPERATING SYSTEM: PC-DOS/MS-DOS						
SOFTWARE: Patent In Release #1.0, Version #1.30						
CURRENT APPLICATION DATA:						
APPLICATION NUMBER: US/08/044,857D						
FILING DATE: 08-Apr-1993						
CLASSIFICATION: <Unknown>						
ATTORNEY/AGENT INFORMATION:						
NAME: Ruszala, Lois K.						
REGISTRATION NUMBER: 39,074						
REFERENCE/DOCKET NUMBER: BEH-7261						
TELECOMMUNICATION INFORMATION:						
TELEPHONE: (847) 267-5364						
TELEFAX: (847) 267-5376						
INFORMATION FOR SEQ ID NO: 26:						
SEQUENCE CHARACTERISTICS:						
LENGTH: 18 base pairs						
TYPE: nucleic acid						
STRANDEDNESS: single						
TOPOLOGY: linear						
MOLECULE TYPE: DNA (genomic)						
HYPOTHETICAL: NO						
ANTI-SENSE: NO						
ORIGINAL SOURCE:						
ORGANISM: Leuconostoc mesenteroides						
US-08-044-857D-26						
Query Match	0.6%	Score 12.4;	DB 1;	Length 18;		
Best Local Similarity	92.9%	Pred. No. 7.3e+02;				
Matches 13; Conservative	0;	Mismatches 1;	Indels			
QY	509	GCTTCTGTTACGTC 522				
Db	14					

```
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-7815 for SEQ 3620, in compleme
US-09-422-978-11485

Query Match
Best Local Similarity 0.6%; Score 12.4; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1147 ATCAACAGCGACT 1160
Db 16 ATCTAACAGCGACT 3

RESULT 1324
US-09-371-772B-4025
; Sequence 4025, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4025
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4025

Query Match
Best Local Similarity 0.6%; Score 12.4; DB 1; Length 18;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 1520 TCTCCAGCTCTGGC 1533
Db 2 UCUCGAGCUGGCGC 15

RESULT 1325
US-09-856-747-40/c
; Sequence 40, Application US/09856747
; Patent No. 6656688
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
; FILE REFERENCE: RTSP-0116
; CURRENT APPLICATION NUMBER: US/09/856,747
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: US 09/199,859
; PRIOR FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-856-747-40

Query Match
Best Local Similarity 0.6%; Score 12.4; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1223 AGCCATCCCTGAG 1236
Db 15 ACGTCATCCCTGAG 2

RESULT 1326
PCT-US91-07290-17/c
; Sequence 17, Application PC/TUS9107290
; GENERAL INFORMATION:
; APPLICANT: Sinha, Sukanto
; APPLICANT: Seubert, Peter A.
; APPLICANT: Dovey, Harry F.
; APPLICANT: McConlogue, Lisa C.
; APPLICANT: Little, Sheila P.
; APPLICANT: Johnstone, Edward M.
; TITLE OF INVENTION: Amyloidin Protease and Uses Thereof
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Athena Neurosciences, Inc.
; STREET: 800F Gateway Blvd.
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/07290
; FILING DATE: 19911004
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, Lisabeth Felix
; REGISTRATION NUMBER: 31547
; REFERENCE/DOCKET NUMBER: 17796-002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 877-0900
; TELEFAX: (415) 877-8370
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US91-07290-17

Query Match
Best Local Similarity 0.6%; Score 12.4; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 82 ACCCGAGGAGAACT 95
Db 14 ACCAGGAGGAGAACT 1

RESULT 1327
PCT-US94-03437-26/c
; Sequence 26, Application PC/TUS9403437
; GENERAL INFORMATION:
; APPLICANT:
```

APPLICANT: ;
TITLE OF INVENTION: HOMOGENEOUS IMMUNOASSAYS USING MUTANT ;
TITLE OF INVENTION: GLUCOSE-6-PHOSPHATE DEHYDROGENASES ;
NUMBER OF SEQUENCES: 124 ;
COMPUTER READABLE FORM: ;
MEDIUM TYPE: Floppy disk ;
COMPUTER: IBM PC compatible ;
OPERATING SYSTEM: PC-DOS/MS-DOS ;
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO) ;
CURRENT APPLICATION DATA: ;
APPLICATION NUMBER: PCT/US94/03437 ;
FILING DATE: ;
INFORMATION FOR SEQ ID NO: 26: ;
SEQUENCE CHARACTERISTICS: ;
LENGTH: 18 base pairs ;
TYPE: nucleic acid ;
STRANDEDNESS: single ;
TOPOLOGY: linear ;
MOLECULE TYPE: DNA (genomic) ;
HYPOTHETICAL: NO ;
ANTI-SENSE: NO ;
ORIGINAL SOURCE: ;
ORGANISM: Leuconostoc mesenteroides ;
STRAIN: ATCC 12291 ;
PCT-US94-03437-26 ;

Query Match 0.6%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 509 GCTTCGTGTACGTC 522
DB 14 GCATCTGTTACGTC 1

RESULT 1328
US-08-337-268A-33/c
Sequence 33, Application US/08337268A
Patent No. 5589336
GENERAL INFORMATION:
APPLICANT: Lee, Sohee
APPLICANT: Redman, Colvin L.
TITLE OF INVENTION: Diagnostic Method and Kit for
TITLE OF INVENTION: Determining Kell Blood Group
TITLE OF INVENTION: Genotype
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ronald J. Baron, Esq.
ADDRESSEE: Hoffmann & Baron
STREET: 350 Jericho Turnpike
CITY: Jericho
STATE: New York
COUNTRY: USA
ZIP: 11753
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/337,268A
FILING DATE: 11-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: No. 5589336e
ATTORNEY/AGENT INFORMATION:
NAME: Baron, Ronald J.
REGISTRATION NUMBER: 29,281
REFERENCE/DOCKET NUMBER: 454-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 822-3550
TELEFAX: (516) 822-3582
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:

LENGTH: 19 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
US-08-337-268A-33

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1801 CCAAGTGCCTGCTT 1814
DB 19 CCAAGTGCCTGCTT 6

RESULT 1329
US-08-299-849B-40
Sequence 40, Application US/08299849B
Patent No. 5612201
GENERAL INFORMATION:
APPLICANT: De Plaen, Etienne; Boon-Falleur, Thierry;
APPLICANT: Leth, Bernard; Szikora, Jean-Pierre; De Smet, Charles;
APPLICANT: Chomez, Patrick
TITLE OF INVENTION: Isolated Nucleic Acid Molecules Useful In
TITLE OF INVENTION: Determining Expression Of A Tumor Antigen Precursor
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/299,849B
FILING DATE: 1-SEPTEMBER-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/037,230
FILING DATE: 26-MARCH-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/04354
FILING DATE: 22-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/807,043
FILING DATE: 12-DECEMBER-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/764,364
FILING DATE: 23-SEPTEMBER-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/728,838
FILING DATE: 9-JULY-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/705,702
FILING DATE: 23-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 5612201man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5355
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single


```

; TOPOLOGY: linear
US-08-299-849B-40

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1666 CAGCTGTGCTGGGT 1679
DB 1 CAGCTGAGCTGGGT 14

RESULT 1330
US-08-233-002A-1/c
; Sequence 1, Application US/08233002A
; Patent No. 5747469
; GENERAL INFORMATION:
; APPLICANT: Roth, Jack A.
; APPLICANT: Fujiwara, Toshiyoshi
; APPLICANT: Grimm, Elizabeth A.
; APPLICANT: Mukhopadhyay, Tapas
; APPLICANT: Zhang, Wei-Wei
; APPLICANT: Owen-Schaub, Laurie B.
; TITLE OF INVENTION: Methods and Compositions Comprising
; TITLE OF INVENTION: DNA Damaging Agents and p53
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P. O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,002A
; FILING DATE: 25-APR-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/145,826
; CLASSIFICATION: 514
; APPLICATION NUMBER: 07/960,543
; FILING DATE: 13-OCT-1992
; CLASSIFICATION: 514
; APPLICATION NUMBER: 07/665,538
; FILING DATE: 06-MAR-1991
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: UTSC:403\PAR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; TELEX: n/a
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-233-002A-1

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1474 GAAGCCAAAGGGGT 1487
```

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DB 19 GAAGCCAAAGGGGT 6

RESULT 1331
US-08-569-977-5
; Sequence 5, Application US/08569977
; Patent No. 5770176
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Assays for Functional Nuclear Receptors
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arthur S. Morgenstern
; STREET: 63 No. 5770176th Street
; CITY: Medfield
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02052
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/569,977
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Morgenstern, Arthur S.
; REGISTRATION NUMBER: 28,244
; REFERENCE/DOCKET NUMBER: CCD-143
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-359-3986
; TELEFAX: 508-359-3885
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE:
; DESCRIPTION: thyroid hormone and retinoic acid response
; DESCRIPTION: element segment consensus sequence
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PUBLICATION INFORMATION:
; TITLE: Gene Regulation by Steroid Hormones
; AUTHORS: Beato, M.
; JOURNAL: Cell
; VOLUME: 56
; PAGES: 335-344
; DATE: 10-Feb-1989
US-08-569-977-5

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 76.5%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1496 AGGTCAAGTGGCTGA 1512
DB 3 AGGTCAANNTGACCTGA 19

RESULT 1332
US-08-569-977-5/c
; Sequence 5, Application US/08569977
; Patent No. 5770176
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Assays for Functional Nuclear Receptors
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
```

schultz167-3.rni

Thu Sep 16 13:16:23 2004

ADDRESSEE: Arthur S. Morgenstern
STREET: 63 No. 5770176th Street
CITY: Medfield
STATE: Massachusetts
COUNTRY: USA
ZIP: 02052
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,977
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Morgenstern, Arthur S.
REGISTRATION NUMBER: 28,244
REFERENCE/DOCKET NUMBER: CCD-143
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-359-3986
TELEFAX: 508-359-3885
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE:
DESCRIPTION: thyroid hormone and retinoic acid response
SEQUENCE CHARACTERISTICS:
HYPOTHETICAL: NO
ANTI-SENSE: NO
PUBLICATION INFORMATION:
AUTHORS: Beato, M.
TITLE: Gene Regulation by Steroid Hormones
JOURNAL: Cell
VOLUME: 56
PAGES: 335-344
DATE: 10-Feb-1989
US-08-569-977-5

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 76.5%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1496 AGGTCAAGTGGCCTGA 1512
||||| |||||
Db 17 AGGTCAANNITGACCTGA 1

RESULT 1333
US-08-484-570A-33/c
Sequence 33, Application US/08484570A
Patent No. 5804379
GENERAL INFORMATION:
APPLICANT: Lee, Sochee
APPLICANT: Redman, Colvin L.
TITLE OF INVENTION: Diagnostic Method and Kit for
TITLE OF INVENTION: Determining Kell Blood Group
TITLE OF INVENTION: Genotype
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ronald J. Baron, Esq.
ADDRESSEE: Hoffmann & Baron
STREET: 350 Jericho Turnpike
CITY: Jericho
STATE: New York
COUNTRY: USA
ZIP: 11753
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC Compatible

OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,570A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/337,268
FILING DATE: 11-OCT-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Baron, Ronald J.
REGISTRATION NUMBER: 29,281
REFERENCE/DOCKET NUMBER: 454-3 CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 822-3550
TELEFAX: (516) 822-3582
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
US-08-484-570A-33

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1801 CCAAGTGCTGCTT 1814
||||| |||||
Db 19 CCAAGTGCCAGCTT 6

RESULT 1334
US-08-967-101-147/c
Sequence 147, Application US/08967101
Patent No. 5840540
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
APPLICANT: ROMMENS, JOHANNA M
APPLICANT: FRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/967,101
FILING DATE: 10-NOV-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/592,541
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 147:
SEQUENCE CHARACTERISTICS:

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; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-967-101-147

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1114 ACTAACCAAGAACAC 1127
Db 18 ACCAACCAGAACAC 5

RESULT 1335
US-08-967-101-148/c
; Sequence 148, Application US/08967101
; Patent No. 5840540
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/967,101
; FILING DATE: 10-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-967-101-148

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1114 ACTAACCAAGAACAC 1127
Db 18 ACCAACCAGAACAC 5

RESULT 1336
US-08-117-952-262/c
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; Sequence 262, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 262:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-262

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1420 CCAGAGGAGAGAA 1433
Db 17 CCAAGGAGAGAA 4

RESULT 1337
US-08-696-900-2
; Sequence 2, Application US/08696900
; Patent No. 5958683
; GENERAL INFORMATION:
; APPLICANT: Wiesenberg, Irmgard
; APPLICANT: Missbach, Martin
; TITLE OF INVENTION: Screening Method Using The RZR Receptor
; TITLE OF INVENTION: Family
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5958683artis Corporation
; STREET: 520 White Plains Road, PO Box 2005
; CITY: Tarrytown
; STATE: New York
; COUNTRY: USA
; ZIP: 10591-9005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/696,900
FILING DATE: 22-AUG-1996
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 94810196.9
FILING DATE: 30-MAR-1994
APPLICATION NUMBER: PCT/EP95/01017
FILING DATE: 18-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Ferraro, Gregory D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 4-19899/A/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 277-3318
TELEFAX: (908) 277-4306
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: protein_bind
LOCATION: 1..19
OTHER INFORMATION: /bound_moiety= "VDR"
JG-08-696-900-2

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1482 AGGGGTCAAGGAGG 1495
Db 1 AGAGGTCAAGGAGG 14

RESULT 1338
US-08-592-541-147/c
; Sequence 147, Application US/08592541
; Patent No. 5986054
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-592-541-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1482 AGGGGTCAAGGAGG 1495
Db 1 AGAGGTCAAGGAGG 14

TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 147:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-592-541-147

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCCAGAACAC 1127
Db 18 ACCAACCCAGAACAC 5

RESULT 1339
US-08-592-541-148/c
; Sequence 148, Application US/08592541
; Patent No. 5986054
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-592-541-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCCAGAACAC 1127
Db 18 ACCAACCCAGAACAC 5

RESULT 1340
US-08-953-290-1/c

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; Sequence 1, Application US/08953290
; Patent No. 6069134
; GENERAL INFORMATION:
; APPLICANT: Roth, Jack A.
; APPLICANT: Fujiwara, Toshiyoshi
; APPLICANT: Grimm, Elizabeth A.
; APPLICANT: Mukhopadhyay, Tapas
; APPLICANT: Zhang, Wei-Wei
; APPLICANT: Owen-Schaub, Laurie B.
; TITLE OF INVENTION: Methods and Compositions Comprising
; TITLE OF INVENTION: DNA Damaging Agents and p53
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/953,290
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/233,002
; FILING DATE: 25-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/145,826
; FILING DATE: 29-OCT-1993
; APPLICATION NUMBER: 07/960,543
; FILING DATE: 13-OCT-1992
; APPLICATION NUMBER: 07/665,538
; FILING DATE: 06-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: UTSC:403\PAR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; TELEX: n/a
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-953-290-1

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```

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1474 GAAGCCAAAGGGGT 1487
Db 19 GAAGCCAAAGGGGT 6

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RESULT 1341
US-08-851-843A-91
; Sequence 91, Application US/08851843A
; Patent No. 6093809
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.

```

```

; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6093809el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,843A
; FILING DATE: 06-MAY-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-851-843A-91

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Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGGTGTGCTGG 14

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RESULT 1342
US-09-124-698-147/c
; Sequence 147, Application US/09124698
; Patent No. 611978
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston

```

STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/124,698
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/592,541
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 147:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-09-124-698-147

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCAGAACAC 1127
DB 18 ACCAACCAGAACAC 5

RESULT 1343
US-09-124-698-148/c
Sequence 148, Application US/09124698
Patent No. 6117978
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
APPLICANT: ROMMENS, JOHANNA M
APPLICANT: FRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/124,698
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/592,541
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000

TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 148:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-09-124-698-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCAGAACAC 1127
DB 18 ACCAACCAGAACAC 5

RESULT 1344
US-08-224-232A-1/c
Sequence 1, Application US/08224232A
Patent No. 6143290
GENERAL INFORMATION:
APPLICANT: University of Texas System
TITLE OF INVENTION: RECOMBINANT P53 ADENOVIRUS METHODS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/224,232A
FILING DATE: 07-APR-1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/145,826
FILING DATE: 29-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Barbara S. Kitchell
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: UTSC:350
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 320-7200
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: Nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE:
US-08-224-232A-1

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1474 GAAGCCAAGGGGT 1487
DB 19 GAAGCCAAGGGGT 6

```
RESULT 1345
US-08-974-549A-383
; Sequence 383, Application US/08974549A
; Patent No. 6166178
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A
; FILING DATE: 19-NOV-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17618
; FILING DATE: 01-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph Ted
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 383:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..19
; OTHER INFORMATION: /note= "TCPl.5 primer"
US-08-974-549A-383

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGGTGTGCTGG 14

RESULT 1346
US-09-092-077-14
; Sequence 14, Application US/09092077
; Patent No. 6194142
; GENERAL INFORMATION:
; APPLICANT: Montcany, Maurice
; APPLICANT: Montagnier, Luc
; TITLE OF INVENTION: Nucleotide Sequences Derived From The
; TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,
; TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The
; TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis
; TITLE OF INVENTION: Of The Diseases Due To Those Viruses
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,077
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,928
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/160,465
; FILING DATE: 02-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8912371
; FILING DATE: 20-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8907354
; FILING DATE: 06-FEB-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0062-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-092-077-14
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Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

>Y 113 GGGATGTTGGAAT 126
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>B 2 GGGCTGTTGGAAT 15

RESULT 1347
US-09-092-077-16/c
; Sequence 16, Application US/09092077
; Patent No. 6194142
; GENERAL INFORMATION:
; APPLICANT: Montagnier, Luc
; TITLE OF INVENTION: Nucleotide Sequences Derived From The
; TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,
; TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The
; TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis
; TITLE OF INVENTION: Of The Diseases Due To Those Viruses
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESS: Dunner
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,077
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,928
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/160,465
; FILING DATE: 02-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8912371
; FILING DATE: 20-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8907354
; FILING DATE: 06-FEB-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0062-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
US-09-092-077-16

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

>Y 113 GGGATGTTGGAAT 126
    ||| ||||| |||||
>B 18 GGGATGCTGGAAT 5
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RESULT 1348
US-09-127-480-147/c
; Sequence 147, Application US/09127480
; Patent No. 6194153
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/127,480
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 147:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
;
US-09-127-480-147

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

>Y 1114 ACTAACCGAACAC 1127
    ||| ||||| |||||
>B 18 ACCAACCGAACAC 5

RESULT 1349
US-09-127-480-148/c
; Sequence 148, Application US/09127480
; Patent No. 6194153
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
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;
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/127,480
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; US-09-127-480-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCAGAACAC 1127
Db 18 ACCAACCAGAACAC 5

RESULT 1350
US-08-496-841C-147/c
; Sequence 147, Application US/08496841C
; Patent No. 6210919
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; FRASER, PAUL E
; ROMMENS, JOHANNA M
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 175
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby, PC
; STREET: 805 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/496,841C
; FILING DATE: 28-Jun-1995
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul F. Fehlner, Ph.D.
; REGISTRATION NUMBER: 35,135
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 527-7700
; TELEFAX: (212) 753-6237
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; US-08-496-841C-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCAGAACAC 1127
Db 18 ACCAACCAGAACAC 5

RESULT 1352
US-09-522-800-7/c
; Sequence 7, Application US/09522800
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 147:
; US-08-496-841C-147

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCAGAACAC 1127
Db 18 ACCAACCAGAACAC 5

RESULT 1351
US-08-496-841C-148/c
; Sequence 148, Application US/08496841C
; Patent No. 6210919
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; FRASER, PAUL E
; ROMMENS, JOHANNA M
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 175
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby, PC
; STREET: 805 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/496,841C
; FILING DATE: 28-Jun-1995
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul F. Fehlner, Ph.D.
; REGISTRATION NUMBER: 35,135
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 527-7700
; TELEFAX: (212) 753-6237
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 148:
; US-08-496-841C-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCAGAACAC 1127
Db 18 ACCAACCAGAACAC 5

RESULT 1352
US-09-522-800-7/c
; Sequence 7, Application US/09522800
```

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Patent No. 6211164
GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Lan, Yuo
APPLICANT: Giranda, Vincent L.
APPLICANT: Rockow-Magnone, Shayna K.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES OF THE HUMAN
FILE REFERENCE: 6675.US.01
CURRENT APPLICATION NUMBER: US/09/522,800
CURRENT FILING DATE: 2000-03-10
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: CHK1-as3
7S-09-522-800-7

Query Match      0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

>Y 1753 GGGTGAAGGGGATA 1766
      |||||
>B 19 GGATGAAGGGGATA 6

RESULT 1353
7S-09-342-479-2
; Sequence 2, Application US/09342479
; Patent No. 6218359
; GENERAL INFORMATION:
; APPLICANT: Wiesenberg, Irmgard
; APPLICANT: Missbach, Martin
; TITLE OF INVENTION: Screening Method Using The RZR Receptor
; TITLE OF INVENTION: Family
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 621835artis Corporation
; STREET: 520 White Plains Road, PO Box 2005
; CITY: Tarrytown
; STATE: New York
; COUNTRY: USA
; ZIP: 10591-9005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/342,479
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/696,900
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP95/01017
; FILING DATE: 18-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferraro, Gregory D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 4-19899/A/PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 277-3318
; TELEFAX: (908) 277-4306
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: protein_bind
; LOCATION: 1..19
; OTHER INFORMATION: /bound_moiety= "VDR"
US-09-342-479-2

Query Match      0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1482 AGGGTCAAGGAGG 1495
      |||||
DB 1 AGAGGTCAAGGAGG 14

RESULT 1354
US-08-854-050-91
; Sequence 91, Application US/08854050
; Patent No. 6261836
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6261836el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:

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; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-854-050-91

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGCTGTGCTGG 14

RESULT 1355
US-09-430-323-91
; Sequence 91, Application US/09430323
; Patent No. 6309867
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; LINGNER, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. 6309867el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/430,323
; FILING DATE: 29-Oct-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 91:
US-09-430-323-91

; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-854-050-91

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGCTGTGCTGG 14

RESULT 1356
US-09-124-523-147/c
; Sequence 147, Application US/09124523
; Patent No. 6395960
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/124,523
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 147:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-124-523-147

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACGAGAACAC 1127
Db 18 ACCAACGAGAACAC 5

RESULT 1357
US-09-124-523-148/c
; Sequence 148, Application US/09124523
; Patent No. 6395960
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
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TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBBAULT
STREET: High Street Tower - 125 High Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/124,523
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/592,541
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 148:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
S-09-124-523-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1114 ACTAACGACGAC 1127
Db 18 ACCACGACGAC 5
RESULT 1358
US-08-145-826A-1/c
Sequence 1, Application US/08145826A
Patent No. 6410010
GENERAL INFORMATION:
APPLICANT: University of Texas System
TITLE OF INVENTION: RECOMBINANT P53 ADENOVIRUS METHODS
TITLE OF INVENTION: AND COMPOSITIONS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/145,826A
FILING DATE: Unknown
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Barbara S. Kitchell
REGISTRATION NUMBER: 33,928

REFERENCE/DOCKET NUMBER: UTSC:350
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 320-7200
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: Nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE:
US-08-145-826A-1
Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1474 GAAGCCAAAGGGT 1487
Db 19 GAAGCCAAAGGGGT 6
RESULT 1359
US-08-912-951-150
Sequence 150, Application US/08912951
Patent No. 6475789
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin
APPLICANT: Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
TITLE OF INVENTION: THERAPEUTIC METHODS
NUMBER OF SEQUENCES: 335
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,951
FILING DATE: 14-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION: 435

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/ ATTORNEY/AGENT INFORMATION:
/ NAME: Apple, Randolph T.
/ REGISTRATION NUMBER: 36,429
/ REFERENCE/DOCKET NUMBER: 015389-002600US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 150:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
US-08-912-951-150

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGGTGTGCTGG 14

RESULT 1360
US-09-636-796A-147/c
; Sequence 147, Application US/09636796A
; Patent No. 6485911
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; ROMMENS, JOHANNA M
; FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/636,796A
; FILING DATE: 11-Aug-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 148:
US-09-636-796A-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCCAGAACAC 1127
Db 18 ACCAACCCAGAACAC 5

RESULT 1361
US-09-636-796A-148/c
; Sequence 148, Application US/09636796A
; Patent No. 6485911
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; ROMMENS, JOHANNA M
; FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/636,796A
; FILING DATE: 11-Aug-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 148:
US-09-636-796A-148

Query Match 0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 ACTAACCCAGAACAC 1127
Db 18 ACCAACCCAGAACAC 5

RESULT 1362
US-09-668-532-1/c
; Sequence 1, Application US/09668532
; Patent No. 6511847
; GENERAL INFORMATION:
; APPLICANT: University of Texas System
; TITLE OF INVENTION: RECOMBINANT PS3 ADENOVIRUS METHODS
; TITLE OF INVENTION: AND COMPOSITIONS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
```

STREET: P.O. Box 4433

CITY: Houston

STATE: Texas

COUNTRY: USA

ZIP: 77210

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII-DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/568,532

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/145,826

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Barbara S. Kitchell

REGISTRATION NUMBER: 33,928

REFERENCE/DOCKET NUMBER: UTSC:350

TELECOMMUNICATION INFORMATION:

TELEPHONE: (512) 320-7200

TELEFAX: (512) 474-7577

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 19

TYPE: Nucleic acid

STRANDEDNESS: Single

TOPOLOGY: Linear

MOLECULE TYPE:

JS-09-668-532-1

Query Match

Best Local Similarity 0.6%; Score 12.4; DB 1; Length 19;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2y 1474 GAAGCCAAAGGGGT 1487

19 GAAGCCAAAGGGGT 6

RESULT 1363

JS-09-580-043B-6/c

Sequence 6, Application US/09580043B

Patent No. 6517828

GENERAL INFORMATION:

APPLICANT: LIN, SUR-HWA

APPLICANT: LUO, WEIPING

APPLICANT: LOGOTHESIS, CHRISTOPHER

TITLE OF INVENTION: C-CAM AS AN ANGIOGENESIS INHIBITOR

FILE REFERENCE: UTSC:623US

CURRENT APPLICATION NUMBER: US/09/580,043B

CURRENT FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: 60/136,563

PRIOR FILING DATE: 1999-05-28

NUMBER OF SEQ ID NOS: 9

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 6

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: Primer

JS-09-580-043B-6

Query Match

Best Local Similarity 0.6%; Score 12.4; DB 1; Length 19;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2y 1474 GAAGCCAAAGGGGT 1487

19 GAAGCCAAAGGGGT 6

Db 19 GAAGCCAAAGGGGT 6

RESULT 1364

US-09-422-978-4030

Sequence 4030, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 4030

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: upstream amplification primer 99-12847 for SEQ 96,

US-09-422-978-4030

Query Match

Best Local Similarity 0.6%; Score 12.4; DB 1; Length 19;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1583 TTCTATTCTCTG 1596

6 TTCTATTCTCTG 19

RESULT 1365

US-09-422-978-4225/c

Sequence 4225, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 4225

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: upstream amplification primer 99-1404 for SEQ 291,

US-09-422-978-4225

Query Match

Best Local Similarity 0.6%; Score 12.4; DB 1; Length 19;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      1405 GAAAAGAGAAAGA 1418
      |||||
Db      16 GAAAAGAGAAAA 3

RESULT 1366
US-09-422-978-4756
; Sequence 4756, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4756
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-17588 for SEQ 822,
US-09-422-978-4756

Query Match      0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1377 AAAGCCAGAGAG 1390
      |||||
Db      2 AAATGCCAAGAGAG 15

RESULT 1367
US-09-422-978-5847/c
; Sequence 5847, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5847
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-7311 for SEQ 1913,
US-09-422-978-5847

Query Match      0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1405 GAAAAGAGAAAGA 1418
      |||||
Db      16 GAAAAGAGAAAA 3

RESULT 1366
US-09-422-978-4756
; Sequence 4756, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4756
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-17588 for SEQ 822,
US-09-422-978-4756

Query Match      0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1405 GAAAAGAGAAAGA 1418
      |||||
Db      19 GAAAAGAGAGAGA 6

RESULT 1368
US-09-422-978-6528
; Sequence 6528, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6528
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-12062 for SEQ 2594,
US-09-422-978-6528

Query Match      0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      415 GTGGCAAGTGCTGT 428
      |||||
Db      1 GTGGCAAGTGCTAT 14

RESULT 1369
US-09-422-978-7565
; Sequence 7565, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7565
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-7311 for SEQ 1913,
US-09-422-978-7565
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/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: -
/ LOCATION: 1..19
/ OTHER INFORMATION: /note= "TCP1.5 primer"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 383:
US-09-402-181B-383

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGGTGTGCTGG 14

RESULT 1373
US-09-721-456-383
/ Sequence 383, Application US/09721456
/ Patent No. 6617110
/ GENERAL INFORMATION:
/ APPLICANT: Cech, Thomas R.
/ Ligner, Joachim
/ Nakamura, Toru
/ Chapman, Karen B.
/ Morin, Gregg B.
/ Harley, Calvin B.
/ Andrews, William H.
/ TITLE OF INVENTION: Human Telomerase Catalytic Subunit
/ NUMBER OF SEQUENCES: 727
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3834
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/721.456
/ FILING DATE: 22-Nov. 6617110-2000
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/974.549A
/ FILING DATE: 19-NOV-1997
/ APPLICATION NUMBER: US 08/724.643
/ FILING DATE: 01-OCT-1996
/ APPLICATION NUMBER: US 08/844.419
/ FILING DATE: 18-APR-1997
/ APPLICATION NUMBER: US 08/846.017
/ FILING DATE: 25-APR-1997
/ APPLICATION NUMBER: US 08/851.843
/ FILING DATE: 06-MAY-1997
/ APPLICATION NUMBER: US 08/854.050
/ FILING DATE: 09-MAY-1997
/ APPLICATION NUMBER: US 08/911.312
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: US 08/912.951
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: US 08/915.503
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: WO PCT/US97/17618
/ FILING DATE: 01-OCT-1997
/ APPLICATION NUMBER: WO PCT/US97/17885
```

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/ FILING DATE: 01-OCT-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Apple, Randolph Ted
/ REGISTRATION NUMBER: 36,429
/ REFERENCE/DOCKET NUMBER: 015389-002610US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 383:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: -
/ LOCATION: 1..19
/ OTHER INFORMATION: /note= "TCP1.5 primer"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 383:
US-09-721-456-383

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1664 GGCAGCTGTGCTGG 1677
Db 1 GGCAGGTGTGCTGG 14

RESULT 1374
US-09-583-447A-31/G
/ Sequence 31, Application US/09583447A
/ Patent No. 6645745
/ GENERAL INFORMATION:
/ APPLICANT: WOJNOWSKI, Leszek
/ APPLICANT: GELLNER, Klaus
/ APPLICANT: EISELT, Regina
/ TITLE OF INVENTION: IDENTIFICATION OF A NEW MEMBER OF THE CYTOCHROME P450 3A
/ FILE REFERENCE: 310115.401
/ CURRENT APPLICATION NUMBER: US/09/583.447A
/ CURRENT FILING DATE: 2000-05-30
/ NUMBER OF SEQ ID NOS: 45
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 31
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-583-447A-31

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1792 CCTGAATGCCAAG 1805
Db 18 CCTGAATGCCAAG 5

RESULT 1375
US-09-747-391-16
/ Sequence 16, Application US/09747391
/ Patent No. 6670124
/ GENERAL INFORMATION:
/ APPLICANT: Chow, Robert
/ APPLICANT: Tonai, Richard
/ APPLICANT: StemCite, Inc.
/ TITLE OF INVENTION: High Throughput Methods of HLA Typing
/ FILE REFERENCE: 020035-000210US
/ CURRENT APPLICATION NUMBER: US/09/747.391
/ CURRENT FILING DATE: 2001-07-13
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PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 16
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
JS-09-747-391-16

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

JS-09-747-391-16
2Y 1710 TTCTCCCGTTCCT 1723
   |||||
Db 6 TCCITCCGTTCTT 19

RESULT 1376
JS-09-672-717-129
Sequence 129, Application US/09672717
Patent No. 6673917
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 129
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: based on Homo sapiens
JS-09-672-717-129

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2Y 911 AGTGTGTGAATTT 924
   |||||
Db 6 AGTGTGTGAATGT 19

RESULT 1377
JS-09-672-717-163/c
Sequence 163, Application US/09672717
Patent No. 6673917
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 163
LENGTH: 19
TYPE: DNA

PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 16
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
JS-09-747-391-16

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

JS-09-747-391-16
2Y 1710 TTCTCCCGTTCCT 1723
   |||||
Db 6 TCCITCCGTTCTT 19

RESULT 1376
JS-09-672-717-129
Sequence 129, Application US/09672717
Patent No. 6673917
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 129
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: based on Homo sapiens
JS-09-672-717-129

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2Y 911 AGTGTGTGAATTT 924
   |||||
Db 6 AGTGTGTGAATGT 19

RESULT 1377
JS-09-672-717-163/c
Sequence 163, Application US/09672717
Patent No. 6673917
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 163
LENGTH: 19
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: based on Homo sapiens
US-09-672-717-163

Query Match          0.6%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1134 GTACCTGGAGAAGA 1147
   |||||
Db 15 GAACCTGGAGAAGA 2

RESULT 1378
US-09-866-108A-973
Sequence 973, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/006666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/006663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aescima Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 973
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-973

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1649 AGGCCCCGAGCTCAGG 1665
   |||||
Db 1 AGGCCCCCAAGCCCAAG 17

RESULT 1379
US-08-584-040-5945/c
Sequence 5945, Application US/08584040
Patent No. 6346398
```

```
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5945:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5945

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
QY 208 CGAAAAATGGAATCTA 224
Db 17 CCAAAATGAAATCAA 1

RESULT 1380
US-09-371-772B-2782/c
; Sequence 2782, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
```

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; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2782
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2782

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
QY 208 CGAAAAATGGAATCTA 224
Db 17 CCAAAATGAAATCAA 1

RESULT 1381
US-07-715-183C-10/c
; Sequence 10, Application US/07715183C
; Patent No. 5304473
; GENERAL INFORMATION:
; APPLICANT: Belagaje, Rama M
; APPLICANT: Dimarchi, Richard D
; APPLICANT: Heath, William F
; APPLICANT: Long, Harlan B
; TITLE OF INVENTION: A-C-B PROINSULIN, METHOD OF
; TITLE OF INVENTION: MANUFACTURING AND USING SAME, AND INTERMEDIATES IN
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Eli Lilly and Company
; STREET: Lilly Corporate Center
; CITY: Indianapolis
; STATE: Indiana
; COUNTRY: USA
; ZIP: 46285
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/715,183C
; FILING DATE: 19910611
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Conrad, William A
; REGISTRATION NUMBER: 32,089
; REFERENCE/DOCKET NUMBER: X-7866
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 317-276-6013
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-07-715-183C-10

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
QY 1861 CTGGGTCTTCAAGATC 1877
Db 17 CTGTGCTTCTAGATC 1
```

```
RESULT 1382
; JS-07-940-652-10/c
; Sequence 10, Application US/07940652
; Patent No. 5424413
; GENERAL INFORMATION:
; APPLICANT: James J. Hogan et al.
; TITLE OF INVENTION: BRANCHED NUCLEIC ACID PROBES
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS Version 3.30
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/940,652
; FILING DATE: 19920904
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/827,021
; FILING DATE: 22-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 199/201
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; JS-07-940-652-10

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
; 431 AACTTAATAAGCAGCAG 447
; |||||
; 17 AACGTATTAAAGCAGCG 1
;

RESULT 1383
; JS-08-255-553-10/c
; Sequence 10, Application US/08255553
; Patent No. 5451503
; GENERAL INFORMATION:
; APPLICANT: James J. Hogan et al.
; TITLE OF INVENTION: BRANCHED NUCLEIC ACID PROBES
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS Version 3.30
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: US/08/255,553
; FILING DATE: 07-JUN-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/940,652
; FILING DATE: 04-SEP-1992
; APPLICATION NUMBER: US/07/827,021
; FILING DATE: 22-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 199/201
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-255-553-10

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
; 431 AACTTAATAAGCAGCAG 447
; |||||
; 17 AACGTATTAAAGCAGCG 1
;

RESULT 1384
; US-08-144-212-18/c
; Sequence 18, Application US/08144212
; Patent No. 5466577
; GENERAL INFORMATION:
; APPLICANT: William G. Weisburg
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE
; TITLE OF INVENTION: DETECTION OF LYME DISEASE
; TITLE OF INVENTION: SPIROCHETES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 50Z or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: WordPerfect (Version 5.0)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/144,212
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/773,351
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00786/100001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
```

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-144-212-18

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      808 ATCGAGATGTTCCAGCC 824
Db      17 AAGGAGGTGATCCAGCC 1

RESULT 1385
US-07-744-282C-118
; Sequence 118, Application US/07744282C
; Patent No. 5521300
; GENERAL INFORMATION:
; APPLICANT: Shah, Jyotsna S.
; APPLICANT: Nietupski, Raymond M.
; APPLICANT: Liu, Jing
; TITLE OF INVENTION: Oligonucleotides Complementary to
; TITLE OF INVENTION: Mycobacterial Nucleic Acids
; NUMBER OF SEQUENCES: 127
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kevin M. Farrell, P.C.
; STREET: P.O. Box 999
; CITY: York Harbor
; STATE: ME
; COUNTRY: USA
; ZIP: 03911
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/744,282C
; FILING DATE: August 13, 1991
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kevin M. Farrell
; REGISTRATION NUMBER: 35,505
; REFERENCE/DOCKET NUMBER: GTR90-05
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (207) 363-0558
; TELEFAX: (207) 363-0528
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-744-282C-118

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      808 ATCGAGATGTTCCAGCC 824
Db      1 AAGGAGGTGATCCAGCC 17

RESULT 1386
US-07-949-541A-44/c
; Sequence 44, Application US/07949541A
; Patent No. 5552270
; GENERAL INFORMATION:
; APPLICANT: Khorapko, Konstantin R.
; APPLICANT: Khorlin, Alexandr A.
```

```
; APPLICANT: Ivanov, Igor B.
; APPLICANT: Ershov, Gennady M.
; APPLICANT: Lysov, Yuri P.
; APPLICANT: Florentiev, Vladimir L.
; APPLICANT: Mirzabekov, Andrei D.
; TITLE OF INVENTION: Method for Determining a DNA Nucleotide
; TITLE OF INVENTION: Sequence and a Device for Carrying Out Same
; Patent No. 5552270
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ladass & Parry
; STREET: 26 West 61st Street
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10023
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage
; COMPUTER: IBM PC/XT/AT or compatibles
; OPERATING SYSTEM: DOS
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/949,541A
; FILING DATE: 09-Mar-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/RU92/00052
; FILING DATE: 18-Mar-1992
; APPLICATION NUMBER: Russian Federation 4919321
; FILING DATE: 18-Mar-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janet I. Cord
; REGISTRATION NUMBER: 33,778
; REFERENCE/DOCKET NUMBER: U-8999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 708-1800
; TELEFAX: (212) 246-8959
; TELEX: 233288
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: Linear
; MOLECULE TYPE: chemically synthesized
; MOLECULE TYPE: desoxyribonucleotide.
; FEATURE: oligonucleotide was synthesized by phosphoramidite
; FEATURE: method.
; OTHER INFORMATION: The sequence is listed from 3' to 5' left
; OTHER INFORMATION: to right and this is SEQ ID NO.1.
US-07-949-541A-44

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      780 CATTTCAGCGCGTCA 796
Db      17 CATTTCAGCGCGTCA 1

RESULT 1387
US-08-281-940-42
; Sequence 42, Application US/08281940
; Patent No. 5589330
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: METHOD FOR MULTIPLE ALLELE-SPECIFIC
; TITLE OF INVENTION: DISEASE ANALYSIS
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DARBY & DARBY P.C.
; STREET: 805 THIRD AVENUE
; CITY: NEW YORK
```

STATE: NEW YORK
COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/281,940
FILING DATE:
TYPE: Nucleotide
STRANDEDNESS: Single
TOPOLOGY: Unknown
ATTORNEY/AGENT INFORMATION:
NAME: LUDWIG, S. PETER
REGISTRATION NUMBER: 25351
REFERENCE/DOCKET NUMBER: 0372/09696
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212/527-7700
TELEFAX: 212/753-6237
TELEX: 236687
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ORGANISM: Homo sapien
IMMEDIATE SOURCE:
CLONE: 1717-IN
IS-08-281-940-42

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

NY 249 GGAGATGACCAAGTACC 265
|||||
b 1 GGAGATGCTCTATTACC 17

RESULT 1388
US-08-307-307-2
; Sequence 2, Application US/08307307
; Patent No. 5601979
; GENERAL INFORMATION:
; APPLICANT: Yuan N. Wong
; TITLE OF INVENTION: Preparation and Use of
; TITLE OF INVENTION: Magnetic Controlled Pore Glass Having
; TITLE OF INVENTION: Oligonucleotides Synthesized Thereon
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CPG, Inc.
; STREET: 3 Borinski Road
; CITY: Lincoln Park
; STATE: New Jersey
; COUNTRY: United States of America
; ZIP: 07035
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3M Double Density 5 1/4"
; MEDIUM TYPE: diskette
; COMPUTER: Wang PC
; OPERATING SYSTEM: MS DOS Version 3.20
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/307,307
; FILING DATE: 16 September 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/794,910
; FILING DATE: 20 No. 5601979ember 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Irons, Edward S.
; REGISTRATION NUMBER: 16,541
; REFERENCE/DOCKET NUMBER: Wong
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 626-3564
; TELEFAX: (202) 783-6031
; TELEX: No. 5601979e
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleotide
; STRANDEDNESS: Single
; TOPOLOGY: Unknown
; US-08-307-307-4
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; NAME: Irons, Edward S.
; REGISTRATION NUMBER: 16,541
; REFERENCE/DOCKET NUMBER: Wong
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 626-3564
; TELEFAX: (202) 783-6031
; TELEX: No. 5601979e
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleotide
; STRANDEDNESS: Single
; TOPOLOGY: Unknown
; US-08-307-307-2
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 780 CATTTCAGCCGGTCA 796
|||||
Db 1 CATTTCGTCGGGTCA 17

RESULT 1389
US-08-307-307-4
; Sequence 4, Application US/08307307
; Patent No. 5601979
; GENERAL INFORMATION:
; APPLICANT: Yuan N. Wong
; TITLE OF INVENTION: Preparation and Use of
; TITLE OF INVENTION: Magnetic Controlled Pore Glass Having
; TITLE OF INVENTION: Oligonucleotides Synthesized Thereon
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CPG, Inc.
; STREET: 3 Borinski Road
; CITY: Lincoln Park
; STATE: New Jersey
; COUNTRY: United States of America
; ZIP: 07035
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3M Double Density 5 1/4"
; MEDIUM TYPE: diskette
; COMPUTER: Wang PC
; OPERATING SYSTEM: MS DOS Version 3.20
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/307,307
; FILING DATE: 16 September 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/794,910
; FILING DATE: 20 No. 5601979ember 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Irons, Edward S.
; REGISTRATION NUMBER: 16,541
; REFERENCE/DOCKET NUMBER: Wong
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 626-3564
; TELEFAX: (202) 783-6031
; TELEX: No. 5601979e
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleotide
; STRANDEDNESS: Single
; TOPOLOGY: Unknown
; US-08-307-307-4
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

Qy 780 CATTTCAGCCGGTCA 796
Db 1 CATTTCGTCGGGTCA 17

RESULT 1390
US-08-307-7
; Sequence 7, Application US/08307307
; Patent No. 5601979
; GENERAL INFORMATION:
; APPLICANT: Yuan N. Wong
; TITLE OF INVENTION: Preparation and Use of
; TITLE OF INVENTION: Magnetic Controlled Pore Glass Having
; TITLE OF INVENTION: Oligonucleotides Synthesized Thereon
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CPG, Inc.
; STREET: 3 Borinski Road
; CITY: Lincoln Park
; STATE: New Jersey
; COUNTRY: United States of America
; ZIP: 07035
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3M Double Density 5 1/4"
; MEDIUM TYPE: diskette
; COMPUTER: Wang PC
; OPERATING SYSTEM: MS DOS Version 3.20
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/307,307
; FILING DATE: 16 September 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/794,910
; FILING DATE: 20 No. 5601979ember 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Irons, Edward S.
; REGISTRATION NUMBER: 16,541
; REFERENCE/DOCKET NUMBER: Wong
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 626-3564
; TELEFAX: (202) 783-6031
; TELEX: No. 5601979e
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleotide
; STRANDEDNESS: Single
; TOPOLOGY: Unknown
;
US-08-307-307-7

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 780 CATTTCAGCCGGTCA 796
Db 1 CATTTCGTCGGGTCA 17

RESULT 1391
US-08-850-617
; Sequence 617, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

```

```

; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 617:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-390-850-617

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.2e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 669 AGAGTACTTCCCGAGAA 685
Db 1 AGAAGACUUCAGGAA 17

RESULT 1392
US-08-390-850-631/c
; Sequence 631, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

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```
; DESCRIPTION: Synthetic DNA oligonucleotide
; IMMEDIATE SOURCE:
; CLONE: RIT 7
US-08-477-270-7

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 780 CATTTCAGCGGTCGA 796
Db 17 CATTTCAGCGGTCGA 1

RESULT 1395
US-08-233-788A-15/c
; Sequence 15, Application US/08233788A
; Patent No. 5635617
; GENERAL INFORMATION:
; APPLICANT: Doran, James L.
; APPLICANT: Kay, William W.
; APPLICANT: Collinson, Karen S.
; APPLICANT: Clouthier, Sharon C.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTION
; TITLE OF INVENTION: OF SALMONELLA
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: U.S.A.
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,788A
; FILING DATE: 26-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: King, Joshua
; REGISTRATION NUMBER: 35,570
; REFERENCE/DOCKET NUMBER: 920043.403C2
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; TELEX: 3723836 SEEDANBERRY
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-233-788A-15

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 54 GGCAGCAAGATGGCGC 70
Db 17 GGCATCATGACGGCGC 1

RESULT 1396
US-07-976-103A-41
; Sequence 41, Application US/07976103A
; Patent No. 5645985
; GENERAL INFORMATION:
```

```
; APPLICANT: FROHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/976,103A
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-976-103A-41

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1394 AACAGAGGATGAAAA 1410
Db 1 AAAGAAAGGAGGAAAAA 17

RESULT 1397
US-08-373-124A-832/c
; Sequence 832, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
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MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 832:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-832

```

```

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

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>y 1367 CCAACTTCAAAAAGCC 1383
    ||| ||||| ||||| ||
>b 17 CAAATTTCAAAAAGCC 1

```

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RESULT 1398
US-08-373-124A-968
; Sequence 968, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466

```

```

; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 968:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-968

```

```

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;
QY 1600 ATTTATATAAAATTA 1616
    ||| ||||| ||||| ||
Db 1 AGUUUUAUAAAAAUUA 17

```

```

RESULT 1399
US-08-373-124A-984/c
; Sequence 984, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

```

```

; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 984:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-984

```

```

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

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QY 1614 TTATTAAATATAAATAT 1630
DB 17 TTACTGAATAAAATAT 1

```

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RESULT 1400
US-08-373-124A-1056/c
; Sequence 1056, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1056:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

```

```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-1056

```

```

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

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QY 1597 TGTATTATATAAATAT 1613
DB 17 TATATATATAAATAT 1

```

```

RESULT 1401
US-08-373-124A-1224
; Sequence 1224, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-1224

```

```

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

```



```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2065:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2065

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1614 TTATTAATAATAATAT 1630
Db 17 TTACTGAATAAAATAT 1

RESULT 1405
US-08-373-124A-2149
Sequence 2149, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2149:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2149

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 11.8%; Pred. No. 7.2e+02;
Matches 2; Conservative 12; Mismatches 3; Indels 0; Gaps 0;

QY 1575 TTTTATATTTCTATT 1591
Db 1 UUUUUUUUUUUUUUAU 17

RESULT 1406
US-08-373-124A-2153
Sequence 2153, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2153:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2153

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 11.8%; Pred. No. 7.2e+02;
Matches 2; Conservative 12; Mismatches 3; Indels 0; Gaps 0;

Y 1575 TTTTATATTTCTTATT 1591
b 1 UUUUUUUUUUAU 17

RESULT 1407
US-08-373-124A-2157/c
Sequence 2157, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2157:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2157

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1600 ATTTATATAAAATTTA 1616
Db 17 ATATATATAAAATAA 1

RESULT 1408
US-08-387-315A-5
Sequence 5, Application US/08387315A
Patent No. 5665565
GENERAL INFORMATION:
APPLICANT: PETRI JR., WILLIAM A
APPLICANT: VINES, R R
APPLICANT: PURDY, JAY E
APPLICANT: MANN, BARBARA J
TITLE OF INVENTION: TRANSECTION OF ENTERIC PARASITES
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER &
STREET: 1755 S. JEFFERSON DAVIS HWY, SUITE 400
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/387,315A
FILING DATE:
CLASSIFICATION: 424
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-387-315A-5

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1908 TCAGCCATTTTATAGATT 1924
Db 1 TAAGTCATTTTATAGTTT 17

RESULT 1409
US-08-410-005-10
Sequence 10, Application US/08410005
Patent No. 5683902

GENERAL INFORMATION:
APPLICANT: Hampel, Arnold
APPLICANT: DiPaolo, Joseph
APPLICANT: Siwkowski, Andrew M.
APPLICANT: Galasinski, Scott C.
TITLE OF INVENTION: HUMAN PAPILLOMA VIRUS INHIBITION BY A
TITLE OF INVENTION: HAIRPIN RIBOZYME
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Reising, Rthington, Barnard, Perry & Milton
STREET: P.O. Box 4390
CITY: Troy
STATE: MI
COUNTRY: USA
ZIP: 48099-9998
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,005
FILING DATE: 21-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/242,665
FILING DATE: 13-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: P-301 (NIU)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (810) 689-3500
TELEFAX: (810) 689-4071
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-410-005-10

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 890 TAACTATCAAGGACAC 906
DB 1 URAUGUCAAAGCCAC 17

RESULT 1410
US-08-435-634-617
Sequence 617, Application US/08435634
Patent No. 5731295
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295 Sender 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 617:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-617

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.2e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 669 AGAGTACTTCCAGGAA 685
DB 1 AGAAGACUUUCCAGGAA 17

RESULT 1411
US-08-435-634-631/c
Sequence 631, Application US/08435634
Patent No. 5731295
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 631:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-435-634-631

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1408 AAAGAGAAAGACCAGA 1424
b 17 AAATAGAAAGACCAGAA 1

RESULT 1412

S-08-435-634-633/c
Sequence 633, Application US/08435634
Patent No. 5731295

GENERAL INFORMATION:

APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295ember 12, 1993

APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 633:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-435-634-633

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1406 AAAAGAGAAAGACCCA 1422
Db 17 AGAATAGAAAGACCCA 1

RESULT 1413

US-08-758-306-585
Sequence 585, Application US/08758306
Patent No. 5807743

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

APPLICATION NUMBER:
FILING DATE:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 585:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid


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; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-585
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 7.2e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1535 TCCTGCTGAGTCCCTCA 1551
   :||: ||: ||: ||: ||
Db 1 UCCUUCUAGUCCUUA 17

RESULT 1414
US-08-758-306-681/c
; Sequence 681, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 681:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-681
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1145 AGATCAACAGCGACTG 1161
   ||| ||||| |||||
Db 17 AGACAATAAGTACTG 1

RESULT 1415

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US-08-758-306-803
; Sequence 803, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 803:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-803
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 7.2e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 916 GTGGAATTTGTCAAGAG 932
   ||||| ||: |||||
Db 1 GUGGAAGUUCUACAACAG 17

RESULT 1416
US-08-715-142-10/c
; Sequence 10, Application US/08715142
; Patent No. 5811244
; GENERAL INFORMATION:
; APPLICANT: Frankel, Wayne N.
; APPLICANT: Cox, Gregory A.
; APPLICANT: Lutz, Cathleen M.
; APPLICANT: No. 5811244bels, Jeffrey L.
; TITLE OF INVENTION: CLINICAL DISORDERS ASSOCIATED WITH NHE1
; TITLE OF INVENTION: MUTATION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kevin M. Farrell, P.C.
; STREET: P.O. Box 999

```

CITY: York Harbor
STATE: ME
COUNTRY: USA
ZIP: 03911
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/715,142
FILING DATE: 18-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Farrell, Kevin M.
REGISTRATION NUMBER: 35,505
REFERENCE/DOCKET NUMBER: JL-9601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (207) 363-0558
TELEFAX: (207) 363-0528
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-715-142-10
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Y 364 CCAGTATTCGATGCCT 380
b 17 CCAGGCTTCGATGCTT 1
RESULT 1417
US-08-435-628-832/c
Sequence 832, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 832:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-832
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1367 CCAACTTCAAAAAGCC 1383
Db 17 CAAATTCAAAAACCC 1
RESULT 1418
US-08-435-628-968
Sequence 968, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422

```
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 968:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-968

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1600 ATTTATATAAAATTTA 1516
Db 1 AGUUUUAUAAAAAUUA 17

RESULT 1419
US-08-435-628-984/c
; Sequence 984, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1056:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1056:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
```


TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514

PRIOR APPLICATION NUMBER: 08/373,124
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992

FILING DATE: AUGUST 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TRYEX: 67-2510

INDEX: 67-3310
 INFORMATION FOR SEQ ID NO: 2149:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 11.8%; Pred. No. 7.2e+02;
Matches 2; Conservative 12; Mismatches 3; Indels

```

y      1575 TTTTATATTTTCTATT 1591
      ::::|::::|:::
b      1 UUUUUUUUUUUUUUU 17

```

RESULT 1426
 S-08-435-628-2153
 Sequence 2153, Application US/08435628
 Patent No. 5817796
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TITRE OF INVENTION: TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street

STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2153:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2153

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 11.8%; Pred. No. 7.2e+02;
Matches 2; Conservative 12; Mismatches 3; Indels

Qy 1575 TTTTATATTTCTATT 1591
:::|: ::::|: :
Db 1 UUUUUUUUUUUUU 17

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RESULT 1427
US-08-435-628-2157/c
; Sequence 2157, Application US/08435628
; Patent No. 5817796
; GENERAL INVENTION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RETENOSIS AND
; TITILE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:

```

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2157:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2157

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1600 ATTATATATAAAATTTA 1616
DB 17 ATATATATAAAATTA 1

RESULT 1428
US-08-473-481-41
Sequence 41, Application US/08473481
Patent No. 5830653
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PULDO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
TITLE OF INVENTION: 53
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481

FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-473-481-41

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1394 AAACAGAGGATGAAAAA 1410
DB 1 AAAGAAAGGAGGAAAAA 17

RESULT 1429
US-08-710-134-42
Sequence 42, Application US/08710134
Patent No. 5834181
GENERAL INFORMATION:
APPLICANT: SHUBER, ANTHONY P.
TITLE OF INVENTION: HIGH THROUGHPUT SCREENING METHOD FOR
SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genzyme Corporation
STREET: One Mountain Road
CITY: Framingham
STATE: Massachusetts
COUNTRY: USA
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/710,134
FILING DATE: 13-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Dugan, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: IGS-8.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
TELEFAX: 508-872-5415
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotides"
IS-08-710-134-42

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 249 GGAGATGACCAAGTACC 265
|||||
3b 1 GGAGATGCTCTATTACC 17

RESULT 1430
IS-08-642-684-5
Sequence 5, Application US/08642684
Patent No. 5834253
GENERAL INFORMATION:
APPLICANT: HONG, GUO FAN
APPLICANT: FENG, ZHAI
APPLICANT: HUANG, WEI-HUA
TITLE OF INVENTION: A NEW DNA POLYMERASE WITH PROOF-READING
TITLE OF INVENTION: 3'-5' EXONUCLEASE ACTIVITY
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN, DAREY & CUSHMAN
STREET: 1100 NEW YORK AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/642,684
FILING DATE: 03-MAY-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CHAPIN, MARLANA K.
REGISTRATION NUMBER: 35,843
REFERENCE/DOCKET NUMBER: 4694/219502
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3711
TELEFAX: 202-822-0944
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
S-08-642-684-5

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 780 CATTTCAGCGGTCA 796
|||||
DB 1 CATTTCGCGGTCA 17
RESULT 1431
US-08-292-620A-1754
Sequence 1754, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 1754:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1754

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 184 TTGCTGCTCAACTATCG 200
:|||||
DB 1 UAGCAGCUCACAAUGG 17

RESULT 1432
US-08-967-101-163/c


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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,885
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: GEN4-12.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotides"
US-08-485-885-42

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred.No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 249 GGAGATGACCAAGTACC 265
Db 1 GGAGATGTCCTATTACC 17

RESULT 1434
US-08-429-659-1/c
; Sequence 1, Application US/08429659
; Patent No. 5856092
; GENERAL INFORMATION:
; APPLICANT: Dale, James L.
; APPLICANT: Timms, Peter
; APPLICANT: Walsh, Terence P.
; TITLE OF INVENTION: Detection of a Nucleic Acid Sequence or
; Patent No. 5856092
; TITLE OF INVENTION: a Change Therein
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
; ADDRESSEE: Bicknell
; STREET: Two First National Plaza, 20 South Clark
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/429,659
; FILING DATE: 27-APRIL-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/205,132
; FILING DATE:
; APPLICATION NUMBER: US/07/744,766
; FILING DATE:
; APPLICATION NUMBER: PCT/AU90/00058
; FILING DATE: 13-FEB-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, James P.
; REGISTRATION NUMBER: 28,491
; REFERENCE/DOCKET NUMBER: 27490/30434
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 346-5750

```

TELEFAX: (312) 984-9740
 TELEX: 25-3856
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 ANTI-SENSE: YES
 JS-08-429-659-1

Query Match 0.6%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 7.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

780 CATTTCAGCGGTC 796
 17 CATTTCAGCGGTC 1

RESULT 1435
 JS-08-754-559-5
 Sequence 5, Application US/08754559
 Patent No. 5891634
 GENERAL INFORMATION:
 APPLICANT: PETRI JR., WILLIAM A
 APPLICANT: VINES, R R
 APPLICANT: PURDY, JAY E
 APPLICANT: MANN, BARBARA J

TITLE OF INVENTION: TRANSFECTION OF ENTERIC PARASITES
 NUMBER OF SEQUENCES: 23
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: ORLON, SPIVAK, MCCLELLAND, MAIER &
 ADDRESSEE: NEUSTADT
 STREET: 1755 S. JEFFERSON DAVIS HWY, SUITE 400
 CITY: ARLINGTON
 STATE: VIRGINIA
 COUNTRY: USA

ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IEM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08754,559
 FILING DATE: 21-NOV-1996
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/387,315
 FILING DATE: 13-FEB-1995
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

JS-08-754-559-5
 Query Match 0.6%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 7.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1908 TCAGCCATTTCAGATT 1924
 1 TAAGTCATTTCAGATT 17

RESULT 1436
 JS-08-963-946-13
 Sequence 13, Application US/08963946
 Patent No. 5962273

GENERAL INFORMATION:
 APPLICANT: Durnowicz, Gerard P.
 APPLICANT: Harris, James M.
 APPLICANT: Yanson, Karen D.
 TITLE OF INVENTION: Detection of Neisseria Gonorrhoeae by
 TITLE OF INVENTION: Amplification and detection of its Nucleic Acid
 NUMBER OF SEQUENCES: 39
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Richard J. Rodrick - Becton, Dickinson and
 ADDRESSEE: Company
 STREET: 1 Becton Drive
 CITY: Franklin Lakes
 STATE: NJ
 COUNTRY: USA
 ZIP: 07417
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/963,946
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Hight, David W.
 REGISTRATION NUMBER: 30,265
 REFERENCE/DOCKET NUMBER: P-3869
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (201) 847-5317
 TELEFAX: (201) 848-9228
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-963-946-13

Query Match 0.6%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 7.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1422 AGAGGAGAGAGAGAG 1438
 Db 1 AAAGGAGAGAGAGAG 17

RESULT 1437
 US-08-592-541-163/c
 Sequence 163, Application US/08592541
 Patent No. 5986054
 GENERAL INFORMATION:
 APPLICANT: ST. GEORGE-HYSLOP, PETER H
 APPLICANT: ROMMENS, JOHANNA M
 APPLICANT: FRASER, PAUL E
 TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
 TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
 NUMBER OF SEQUENCES: 183
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: TESTA, HURWITZ & THIBEAULT
 STREET: High Street Tower - 125 High Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02110
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/592,541

```

; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 163:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; US-08-592-541-163

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 800 CCAAGTAATGAGATG 816
Db 17 CGAAGTGATGAGATG 1

RESULT 1438
US-08-826-532-12/c
; Sequence 12, Application US/08826532B
; Patent No. 6027923
; GENERAL INFORMATION:
; APPLICANT: Wallace, Robert B.
; TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
; FILE REFERENCE: 3239-102P
; CURRENT APPLICATION NUMBER: US/08/826,532B
; CURRENT FILING DATE: 1997-04-02
; EARLIER APPLICATION NUMBER: US 08/475,605
; EARLIER FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)
; OTHER INFORMATION: "non-replicable element"-ctct
US-08-826-532-12

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1060 TACTTTGAATCTTGG 1076
Db 17 TCTTTGAGTCCITGG 1

RESULT 1439
US-09-059-369-12
; Sequence 12, Application US/09059369
; Patent No. 6040156
; GENERAL INFORMATION:
; APPLICANT: KAWASAKI, TOSHISUKE
; APPLICANT: OKA, SHOGO
; TITLE OF INVENTION: DNA ENCODING GLUCURONYLTRANSFERASE
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCELLEND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR
; CITY: ARLINGTON

```

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; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/059,369
; FILING DATE: 14-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 9-127065
; FILING DATE: 16-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 9378-0002-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "SYNTHETIC DNA"
; US-09-059-369-12

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2004 CTGCAGGTGGAGTTGC 2020
Db 1 CTGGTGTGGAGGATGC 17

RESULT 1440
US-08-981-256A-13/c
; Sequence 13, Application US/08981256A
; Patent No. 6046042
; GENERAL INFORMATION:
; APPLICANT: Meinhard HASSLACHER et al.
; TITLE OF INVENTION: (S)-HYDROXY-NITRILE-LYASE FROM HEVEA BRASILIENSIS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack, L.L.P.
; STREET: 2033 K Street, N.W., Suite 800
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/981,256A
; FILING DATE: December 22, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Matthew Jacob
; REGISTRATION NUMBER: 25,154
; REFERENCE/DOCKET NUMBER: 1553-02112
; TELECOMMUNICATION INFORMATION:

```


REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 701:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-701

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Y 414 TGTGGCAAGTCTGTGA 430
b 17 TGTGGCCAGAGCTGTAA 1

RESULT 1446
US-08-945-654-9
Sequence 9, Application US/08945654
Patent No. 6071747
GENERAL INFORMATION:

APPLICANT: IMMORTALIZED CELL LINES FROM HUMAN
TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
TITLE OF INVENTION: THEREOF.
NUMBER OF SEQUENCES: 22
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA: US/08/945,654
APPLICATION NUMBER: US/08/945,654
FILING DATE:

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9504922
FILING DATE: 25-APR-1995
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PRIMER"

US-08-945-654-9
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Y 616 GAGGCTTCTACACCAC 632
b 1 GAGACCTTCAACACCC 17

RESULT 1447
US-08-894-731-5/c
Sequence 5, Application US/08894731
Patent No. 6084089
GENERAL INFORMATION:
APPLICANT: MINE, Toshiko
APPLICANT: OHYAMA, Akio
APPLICANT: HIYOSHI, Toru
APPLICANT: KASAOKA, Keisuke

TITLE OF INVENTION: COLD-INDUCIBLE PROMOTER SEQUENCE
FILE REFERENCE: 760-234P
CURRENT APPLICATION NUMBER: US/08/894,731
CURRENT FILING DATE: 1997-10-27
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Oligonucleotide
US-08-894-731-5

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1576 TTTATATTTCTATTTC 1592
b 17 TTTTATTCTTTTC 1

RESULT 1448
US-08-998-099-47/c
Sequence 47, Application US/08998099A
Patent No. 6103890
GENERAL INFORMATION:
APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: STINCHCOMB, DAN T.
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
FILE REFERENCE: 231/175
CURRENT APPLICATION NUMBER: US/08/998,099A
CURRENT FILING DATE: 1997-12-24
EARLIER APPLICATION NUMBER: 60/037,658
EARLIER FILING DATE: 1997-01-23
EARLIER APPLICATION NUMBER: 08/373,124
EARLIER FILING DATE: 1995-01-13
EARLIER APPLICATION NUMBER: 08/245,466
EARLIER FILING DATE: 1994-05-18
NUMBER OF SEQ ID NOS: 375
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 47
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-08-998-099-47

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 3 GCGAGCCGCGGCGGG 19
b 17 GAGGAGACGAGGCGGG 1

RESULT 1449
US-08-998-099-91
Sequence 91, Application US/08998099A
Patent No. 6103890
GENERAL INFORMATION:
APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: STINCHCOMB, DAN T.
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
FILE REFERENCE: 231/175
CURRENT APPLICATION NUMBER: US/08/998,099A
CURRENT FILING DATE: 1997-12-24

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; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 91
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-91

Query Match
Best Local Similarity 70.6%; Score 12.2; DB 1; Length 17;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 472 GGGGGCTGCACCATGC 488
Db 1 GGAGGCTTCCACCTCCGC 17

RESULT 1450
US-08-998-099-97
; Sequence 97, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; EARLIER FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 97
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-97

Query Match
Best Local Similarity 64.7%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 919 GAATTTCACAGACTT 935
Db 1 GAACCTGUCAGAGCAU 17

RESULT 1451
US-09-124-698-163/c
; Sequence 163, Application US/09124698
; Patent No. 6117978
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
```

```

; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/124,698
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 163:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-124-698-163

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 800 CCAAGTATGAGATG 816
Db 17 CGAAGTGATGAGATG 1

RESULT 1452
US-09-071-845-1754
; Sequence 1754, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
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; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Waiburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1754:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1754

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy      184 TTGCTGCTCACTATCG 200
Db      1 UAGCAGCUCACACAUUG 17

RESULT 1453
US-09-277-016-25/c
; Sequence 25, Application US/09277016
; Patent No. 6143529
; GENERAL INFORMATION:
; APPLICANT: Lapidus, Stanley N
; APPLICANT: Shuber, Anthony P
; TITLE OF INVENTION: Methods for improving sensitivity and specificity of
; FILE REFERENCE: EXT-030
; CURRENT APPLICATION NUMBER: US/09/277,016
; CURRENT FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: 08/876,857
; EARLIER FILING DATE: 1997-06-16
; EARLIER APPLICATION NUMBER: 08/700,583
; EARLIER FILING DATE: 1996-08-14
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc.feature
; LOCATION: (1)-(17)
; OTHER INFORMATION: SBE-B1
US-09-277-016-25

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1575 TTTATATTTCTATT 1591
Db      17 TTTTATTTCTGCTATT 1

RESULT 1454
US-09-157-397-5
; Sequence 5, Application US/09157397
```

```
; Patent No. 6165765
; GENERAL INFORMATION:
; APPLICANT: HONG, GUOFAN
; APPLICANT: HUANG, WEI-HUA
; TITLE OF INVENTION: DNA POLYMERASE HAVING ABILITY TO REDUCE INNATE
; TITLE OF INVENTION: SELECTIVE DISCRIMINATION AGAINST FLUORESCENT
; FILE REFERENCE: DYE-LABELLED DIBOXYNUCLEOTIDES
; FILE REFERENCE: homosequencelisting
; CURRENT APPLICATION NUMBER: US/09/157,397
; CURRENT FILING DATE: 1998-09-21
; EARLIER APPLICATION NUMBER: 08/544,643
; EARLIER FILING DATE: 1995-10-18
; EARLIER APPLICATION NUMBER: 08/642,684
; EARLIER FILING DATE: 1996-05-03
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.0 - beta
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Bacillus stearothermophilus
US-09-157-397-5

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      780 CATTTTCAAGCGGCTCA 796
Db      1 CATTTTGTGCGCGGTCA 17

RESULT 1455
US-09-127-480-163/c
; Sequence 163, Application US/09127480
; Patent No. 6194153
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/127,480
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 163:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
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; DESCRIPTION: /desc = "primer"
US-09-127-480-163

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      800 CCAAGTAAAGAGATG 816
DB      17 CGAAGTGATGAGATG 1

RESULT 1456
US-08-815-795-5
; Sequence 5, Application US/08815795
; Patent No. 6271205
; GENERAL INFORMATION:
; APPLICANT: Ross, Alonzo H.
; APPLICANT: Recht, Lawrence D.
; APPLICANT: Lachyankar, Mahesh B.
; TITLE OF INVENTION: CANCER TREATMENT BY EXPRESSION OF
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Iappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/815,795
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/310,287
; FILING DATE: 21-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, Patricia A.
; REGISTRATION NUMBER: 33,194
; REFERENCE/DOCKET NUMBER: WOZM-010CIP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
US-08-815-795-5

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2020 CTAGTCTAGTTCCTT 2036
DB      1 CTRGACTACTTACTTT 17

RESULT 1457
US-09-527-234A-1/C
; Sequence 1, Application US/09527234A
; Patent No. 6284467
```

```
; GENERAL INFORMATION:
; APPLICANT: KATUYAMA, Tomoharu,
; APPLICANT: MIYAHARA, Yuji,
; APPLICANT: MURAKAWA, Katsuji
; TITLE OF INVENTION: Advanced Thermal Gradient DNA Chip (ATGC), the Substrate for A
; TITLE OF INVENTION: for Manufacturing for ATGC, Method and Apparatus for Biochemi
; FILE OF INVENTION: Storage Medium.
; FILE REFERENCE: HIRA.0006/PH-882US
; CURRENT APPLICATION NUMBER: US/09/527,234A
; CURRENT FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: JP-356433/1999
; PRIOR FILING DATE: 1999-12-15
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sample DNA fragment
US-09-527-234A-1

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      780 CATTTCAGCCGCTCA 796
DB      17 CATTTCGTCGCGCTCA 1

RESULT 1458
US-09-527-234A-1/C
; Sequence 1, Application US/09527234A
; GENERAL INFORMATION:
; APPLICANT: KATUYAMA, Tomoharu,
; APPLICANT: MIYAHARA, Yuji,
; APPLICANT: MURAKAWA, Katsuji
; TITLE OF INVENTION: Advanced Thermal Gradient DNA Chip (ATGC), the Substrate for A
; TITLE OF INVENTION: for Manufacturing for ATGC, Method and Apparatus for Biochemi
; FILE OF INVENTION: Storage Medium.
; FILE REFERENCE: HIRA.0006/PH-882US
; CURRENT APPLICATION NUMBER: US/09/527,234A
; CURRENT FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: JP-356433/1999
; PRIOR FILING DATE: 1999-12-15
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sample DNA fragment
US-09-527-234A-1

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      780 CATTTCAGCCGCTCA 796
DB      17 CATTTCGTCGCGCTCA 1

RESULT 1459
US-08-860-038-11/C
; Sequence 11, Application US/08860038
; Patent No. 6287762
; GENERAL INFORMATION:
; APPLICANT: CROUZET, Joel
; APPLICANT: SCHERMAN, Daniel
; APPLICANT: WILIS, Pierre
; TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION
; TITLE OF INVENTION: WITH AN IMMOBILIZED OLIGONUCLEOTIDE
```



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;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1488:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-1488

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1722 TTAACCTTTGAACCTAA 1738
Db 17 TTAATTTGAACCTGAA 1

RESULT 1463
US-08-584-040-1522
; Sequence 1522, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2586:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-1522

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1365 TTCCAACTTCAAAAAG 1381
Db 1 UAACUACUUAAGAG 17

RESULT 1464
US-08-584-040-2586
; Sequence 2586, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2586:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-1522
```

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-584-040-2586

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.2e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Y 1777 ACCATAAGACAACTCC 1793
||||:||||:||||:
b 1 ACCAAUUAUUAUACUCC 17

RESULT 1465

S-08-584-040-2694
Sequence 2694, Application US/08584040
Patent No. 6346398

GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2694:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-584-040-2694

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Y 890 TAACATCAAGAGACAC 906
:||||:||||:
b 1 UAACUUAUUAAGGAAC 17

RESULT 1466

US-08-584-040-2704
Sequence 2704, Application US/08584040
Patent No. 6346398

GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2704:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2704

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

Qy 1763 GATACATTTTATGCAACC 1779
|:|:|:|:|:|:|:
Db 1 GUUACUUUAUACAAC 17

RESULT 1467

US-08-584-040-2762
Sequence 2762, Application US/08584040
Patent No. 6346398

GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE

;; TITLE OF INVENTION: TREATMENT OF DISEASES OR
;; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
;; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;; TITLE OF INVENTION: GROWTH FACTOR
;; NUMBER OF SEQUENCES: 8502
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/005,974
;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 2762:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-584-040-2762

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 7.2e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 648 TGTCCTTTCTCAACT 664
||:||||:||||:
Db 1 UGUCUCCUCCAUAAU 17

RESULT 1468
;; US-08-584-040-4087/c
;; Sequence 4087, Application US/08584040
;; Patent No. 6346398
;; GENERAL INFORMATION:
;; APPLICANT: Pavco, Pamela
;; APPLICANT: McSwiggen, James
;; APPLICANT: Stinchcomb, Dan T.
;; APPLICANT: Escobedo, Jaime
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;; TITLE OF INVENTION: TREATMENT OF DISEASES OR
;; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
;; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;; TITLE OF INVENTION: GROWTH FACTOR
;; NUMBER OF SEQUENCES: 8502
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.

;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/005,974
;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 4087:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-584-040-4087

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 129 CTATTATGGACAAGGCC 145
|||||||:|||||
Db 17 CTATTATGAAAAATGCC 1

RESULT 1469
;; US-08-584-040-4092
;; Sequence 4092, Application US/08584040
;; Patent No. 6346398
;; GENERAL INFORMATION:
;; APPLICANT: Pavco, Pamela
;; APPLICANT: McSwiggen, James
;; APPLICANT: Stinchcomb, Dan T.
;; APPLICANT: Escobedo, Jaime
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;; TITLE OF INVENTION: TREATMENT OF DISEASES OR
;; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
;; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;; TITLE OF INVENTION: GROWTH FACTOR
;; NUMBER OF SEQUENCES: 8502
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 4092:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

S-08-584-040-4092

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 7.2e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

Y 119 TTGGAATTAATCTATAT 135
b 1 UUGGAACAUAUUCU 17

RESULT 1470
S-08-584-040-4220
Sequence 4220, Application US/08584040
Patent No. 6346398

GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 4220:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-4220

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 7.2e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 458 CTGTGAATGGGCTGGG 474
Db 1 CUGGACUUGGCUUGG 17

RESULT 1471
US-08-584-040-5529/c
Sequence 5529, Application US/08584040
Patent No. 6346398

GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5529:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5529

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1504 TTGGCCTGAATGGACCT 1520
||||| ||||| ||||| |||||

```
Db 17 TTGGACTCAATGGGCT 1
;
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5793:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5793
;
; Query Match 0.6%; Score 12.2; DB 1; Length 17;
; Best Local Similarity 52.9%; Pred. No. 7.2e+02;
; Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 458 CTGTGAATTGGGCTGGG 474
Db 1 CUGUGACUUGGCUUGG 17
;
; RESULT 1474
; US-08-584-040-5943
; Sequence 5943, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
;
; Db 1138 CTGGAGAGATCAAAACA 1154
; Db 17 CTTGACGACAGCAAAACA 1
;
; RESULT 1473
; US-08-584-040-5793
; Sequence 5793, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
```

	PRIOR APPLICATION DATA:	
	APPLICATION NUMBER: 60/005,974	
	FILING DATE: October 26, 1995	
	ATTORNEY/AGENT INFORMATION:	
	NAME: Warburg, Richard J.	
	REGISTRATION NUMBER: 32,327	
	REFERENCE/DOCKET NUMBER: 218/064	
	TELECOMMUNICATION INFORMATION:	
	TELEPHONE: (213) 489-1600	
	TELEFAX: (213) 955-0440	
	TELEX: 67-3510	
	INFORMATION FOR SEQ ID NO: 7479:	
	SEQUENCE CHARACTERISTICS:	
	LENGTH: 17 base pairs	
	TYPE: nucleic acid	
	STRANDEDNESS: single	
	TOPOLOGY: linear	
	US-08-584-040-7479	
	Query Match	0.6%; Score 12.2; DB 1; Length 17;
	Best Local Similarity	52.9%; Pred.No. 7.2e+02;
	Matches	9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
QY	504 ATCTGGTTCGTGTTACG 520	
	: :	
Db	1 ACCUGGAUUCUGCUACG 17	
	RESULT 1476	
	US-08-584-040-7629	
	Sequence 7629, Application US/08584040	
	Patent No. 6346398	
	GENERAL INFORMATION:	
	APPLICANT: Pavco, Pamela	
	APPLICANT: McSwiggen, James	
	APPLICANT: Stinchcomb, Dan T.	
	APPLICANT: Escobedo, Jaime	
	TITLE OF INVENTION: METHOD AND REAGENT FOR THE	
	TITLE OF INVENTION: TREATMENT OF DISEASES OR	
	TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS	
	TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL	
	TITLE OF INVENTION: GROWTH FACTOR	
	NUMBER OF SEQUENCES: 8502	
	CORRESPONDENCE ADDRESS:	
	ADDRESSEE: Lyon & Lyon	
	STREET: 633 West Fifth Street	
	STREET: Suite 4700	
	CITY: Los Angeles	
	STATE: California	
	COUNTRY: U.S.A.	
	ZIP: 90071-2066	
	COMPUTER READABLE FORM:	
	MEDIUM TYPE: 3.5" Diskette, 1.44 Mb	
	MEDIUM TYPE: storage	
	COMPUTER: IBM Compatible	
	OPERATING SYSTEM: IBM P.C. DOS 5.0	
	SOFTWARE: Word Perfect 5.1	
	CURRENT APPLICATION DATA:	
	APPLICATION NUMBER: US/08/584,040	
	FILING DATE: January 11, 1996	
	CLASSIFICATION: 514	
	PRIOR APPLICATION DATA:	
	APPLICATION NUMBER: 60/005,974	
	FILING DATE: October 26, 1995	
	ATTORNEY/AGENT INFORMATION:	
	NAME: Warburg, Richard J.	
	REGISTRATION NUMBER: 32,327	
	REFERENCE/DOCKET NUMBER: 218/064	
	TELECOMMUNICATION INFORMATION:	
	TELEPHONE: (213) 489-1600	
	TELEFAX: (213) 955-0440	
	TELEX: 67-3510	
	INFORMATION FOR SEQ ID NO: 5943:	
	SEQUENCE CHARACTERISTICS:	
	LENGTH: 17 base pairs	
	TYPE: nucleic acid	
	STRANDEDNESS: single	
	TOPOLOGY: linear	
	US-08-584-040-5943	
	Query Match	0.6%; Score 12.2; DB 1; Length 17;
	Best Local Similarity	23.5%; Pred.No. 7.2e+02;
	Matches	4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;
Y	2042 ATACTATTTTCATTTTT 2058	
	: :::: ::::	
b	1 AUUUGAUUUCAUUUUU 17	
	RESULT 1475	
	US-08-584-040-7479	
	Sequence 7479, Application US/08584040	
	Patent No. 6346398	
	GENERAL INFORMATION:	
	APPLICANT: Pavco, Pamela	
	APPLICANT: McSwiggen, James	
	APPLICANT: Stinchcomb, Dan T.	
	APPLICANT: Escobedo, Jaime	
	TITLE OF INVENTION: METHOD AND REAGENT FOR THE	
	TITLE OF INVENTION: TREATMENT OF DISEASES OR	
	TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS	
	TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL	
	TITLE OF INVENTION: GROWTH FACTOR	
	NUMBER OF SEQUENCES: 8502	
	CORRESPONDENCE ADDRESS:	
	ADDRESSEE: Lyon & Lyon	
	STREET: 633 West Fifth Street	
	STREET: Suite 4700	
	CITY: Los Angeles	
	STATE: California	
	COUNTRY: U.S.A.	
	ZIP: 90071-2066	
	COMPUTER READABLE FORM:	
	MEDIUM TYPE: 3.5" Diskette, 1.44 Mb	
	MEDIUM TYPE: storage	
	COMPUTER: IBM Compatible	
	OPERATING SYSTEM: IBM P.C. DOS 5.0	
	SOFTWARE: Word Perfect 5.1	
	CURRENT APPLICATION DATA:	
	APPLICATION NUMBER: US/08/584,040	
	FILING DATE: January 11, 1996	
	CLASSIFICATION: 514	

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
JS-08-584-040-7629

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1521 CTCACGCTCTGGCTTCC 1537
Db 1 CACCAGCUCGAGCUCC 17

RESULT 1477
US-08-679-645-117
; Sequence 117, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 117:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
JS-08-679-645-117

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.2e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
QY 448 ACGACATCGCTGTGAA 464
Db 1 AAGUACAUCGCGGUGAA 17

RESULT 1478
US-08-679-645-243
; Sequence 243, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-679-645-243

QY 2028 GTTCTCTTTTTCAGATA 2044
Db 1 GUTUCGUUUAUGGAUA 17

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 35.3%; Pred. No. 7.2e+02;
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-599-738A-41

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Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. NO. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1394 AAACAGAGGATGAAAA 1410
      ||| ||| ||| ||| |||
b 1 AAAGAAAGGAGGAAAAA 17

```

RESULT 1484
 S-09-593-012-132/c
 Sequence 132, Application US/09593012
 Patent No. 6387652
 GENERAL INFORMATION:
 APPLICANT: HAUGLAND, Richard
 APPLICANT: VESPER, Stephen
 TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
 FILE REFERENCE: HAUGLAND=1A
 CURRENT APPLICATION NUMBER: US/09/593,012
 CURRENT FILING DATE: 2000-06-13
 PRIOR APPLICATION NUMBER: US 09/290,990
 PRIOR FILING DATE: 1999-04-14
 PRIOR APPLICATION NUMBER: US 60/081,773
 PRIOR FILING DATE: 1998-04-15
 NUMBER OF SEQ ID NOS: 225
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 132
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Penicillium coryiophilum
 S-09-593-012-132

Query Match	0.6%;	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 7.2e+02;		
Matches 14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;
✓	10	CGCGGCGGGAGGGCGG	26	
3	17	CGCGGSCCAGAGGGCAG	1	

RESULT 1485
 3-09-124-523-163/c
 Sequence 163, Application US/09124523
 Patent No. 6395960
 GENERAL INFORMATION:
 APPLICANT: ST. GEORGE-HYSLOP, PETER H
 APPLICANT: ROMMENS, JOHANNA M
 APPLICANT: FRASER, PAUL E
 TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
 TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
 NUMBER OF SEQUENCES: 183
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: TESTA, HURWITZ & THIBEAULT
 STREET: High Street tower - 125 High Street
 CITY: Boston
 STATE: Massachusetts

```

1  COUNTRY:  U.S.A.
2
3  ZIP:  02110
4
5  COMPUTER READABLE FORM:
6
7  MEDIUM TYPE:  Floppy disk
8
9  COMPUTER:  IBM PC compatible
10
11 OPERATING SYSTEM:  PC-DOS/MS-DOS
12
13 SOFTWARE:  PatentIn Release #1.0, Version #1.30
14
15 CURRENT APPLICATION DATA:
16
17 APPLICATION NUMBER:  US/09/124,523
18
19 FILING DATE:
20
21 CLASSIFICATION:
22
23 PRIOR APPLICATION DATA:
24
25 APPLICATION NUMBER:  US/08/592,541
26
27 FILING DATE:
28
29 ATTORNEY/AGENT INFORMATION:
30
31 NAME:  Pitcher, Edmund R.
32
33 TELECOMMUNICATION INFORMATION:
34
35 TELEPHONE:  (617) 248-7000
36
37 TELEFAX:  (617) 248-7100
38
39 INFORMATION FOR SEQ ID NO: 163:
40
41 SEQUENCE CHARACTERISTICS:
42
43 LENGTH:  17 base pairs
44
45 TYPE:  nucleic acid
46
47 STRANDEDNESS:  single
48
49 TOPOLOGY:  linear
50
51 MOLECULE TYPE:  other nucleic acid
52
53 DESCRIPTION:  /desc = "primer"
54
55 US-09-124-523-163

```

```
Query Match      0.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      800 CCAAAGTAATGGAGATG 816
          | | | | | | | | | | | | | | | |
Db      17 CGAACCTGATGGAGATG 1
```

```

RESULT 1486
US-09-527-233B-1/c
; Sequence 1, Application US/09527233B
; Patent No. 6428749
; GENERAL INFORMATION:
; APPLICANT: KAJIYAMA, Tomoharu,
; APPLICANT: MIYAKAWA, Yuji,
; APPLICANT: MURAKAWA, Katsuji
; TITLE OF INVENTION: Advanced Thermal Gradient DNA Chip (ATGC), the Substrate
; TITLE OF INVENTION: for ATGC, Method for Manufacturing for ATGC, Method and
; TITLE OF INVENTION: for Biochemical Reaction, and Storage Medium
; FILE REFERENCE: PH-790US
; CURRENT APPLICATION NUMBER: US/09/527,233B
; CURRENT FILING DATE: 2000-03-16
; PRIOR APPLICATION NUMBER: JP-356433/1999
; PRIOR FILING DATE: 1999-12-15
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sample DNA fragment
US-09-527-233B-1

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Query Match	0.6%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 7.2e+02;		
Matches 14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;
QY	780	CATTTCGAAGCGCGTCA	796	
Db	17	CATTTCGTGCGGTCA	1	

RESULT 1487

US-09-512-021-5
; Sequence 5, Application US/09512021
; Patent No. 6485909
; GENERAL INFORMATION:
; APPLICANT: HONG, GUOFAN
; APPLICANT: HUANG, WEI-HUA
; TITLE OF INVENTION: DNA POLYMERASE HAVING ABILITY TO REDUCE INNATE
; TITLE OF INVENTION: SELECTIVE DISCRIMINATION AGAINST FLUORESCENT
; TITLE OF INVENTION: DYE-LABELLED DIDEOXYNUCLEOTIDES
; FILE REFERENCE: hongsequencelisting
; CURRENT APPLICATION NUMBER: US/09/512,021
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 09/157,397
; PRIOR FILING DATE: 1998-09-21
; PRIOR APPLICATION NUMBER: 08/544,643
; PRIOR FILING DATE: 1995-10-18
; PRIOR APPLICATION NUMBER: 08/642,684
; PRIOR FILING DATE: 1996-05-03
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.0 - beta
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Bacillus stearothermophilus
US-09-512-021-5

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 780 CATTTCACGCGGTCA 796
||||| |||||||
Db 1 CATTTCGTCGCGTCA 17

RESULT 1488
US-09-636-796A-163/c
; Sequence 163, Application US/09636796A
; Patent No. 6485911
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMWENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/636,796A
; FILING DATE: 11-Aug-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 163:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 163:
US-09-636-796A-163

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 800 CCAAGTAATGAGATG 816
||||| |||||||
Db 17 CGAACGTGATGGAGATG 1

RESULT 1489
US-09-470-661A-11
; Sequence 11, Application US/09470661A
; Patent No. 6500662
; GENERAL INFORMATION:
; APPLICANT: Pfizer Products Inc.
; TITLE OF INVENTION: AN INFECTIOUS CDNA CLONE OF NORTH AMERICAN PORCINE
; TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME (PRRS) VIRUS AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: PC10278A
; CURRENT APPLICATION NUMBER: US/09/470,661A
; CURRENT FILING DATE: 1999-12-22
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer,
; OTHER INFORMATION: reverse strand, used for determining cDNA
; OTHER INFORMATION: corresponding to No. 6500662th American PRRS virus genome.
US-09-470-661A-11

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 331 CAGATGCAGATTCAA 347
||||| |||||||
Db 1 CAGATTCAGATGTTCAA 17

RESULT 1490
US-09-474-432B-342/c
; Sequence 342, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo
; FILE REFERENCE: MBH800-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 342
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-474-432B-342

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1244 GCGATGAGGACGAGAC 1260
|||||
b 17 GCGATGAGCAGGTAGCC 1

RESULT 1491
S-09-474-432B-454/c
Sequence 454, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 454
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-474-432B-454

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 782 TTTTCCAGCAGGTCAAG 798
|||||
b 17 TTTTCCAGCAGGTCAAG 1

RESULT 1492
S-09-474-432B-492/c
Sequence 492, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David

APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 492
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-492

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 156 GCCTACCGCAATCGCA 172
|||||
Db 17 GCCTCGCACAAATCGCA 1

RESULT 1493
US-09-371-772B-33/c
Sequence 33, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 33
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-33

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1722 TTAACCTTGAACCATAA 1738
|||||
Db 17 TTAATTTGAACCTGAA 1

RESULT 1494
US-09-371-772B-67
Sequence 67, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 67
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-67

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1365 TTCCAACTTCAAAAAAG 1381
: |||:|||||
Db 1 UACCUACUUAAGAAG 17

RESULT 1495
US-09-371-772B-1110
Sequence 1110, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 110
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1110

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.2e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1777 ACCATAAGACAAACTCC 1793
|||||:|||||
Db 1 ACCAUAUAUAUCCUCC 17

RESULT 1496
US-09-371-772B-1218
Sequence 1218, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1218
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1218

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 890 TAACTATCAAGGACAC 906
: |||:|||||
Db 1 UAAUCUUUAAGGAAC 17

RESULT 1497
US-09-371-772B-1228
Sequence 1228, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1228
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1228

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1763 GATACCTTTATGCAACC 1779
: |||:|||||
Db 1 GUUACUUUAUACAAAC 17

RESULT 1498
US-09-371-772B-1286
Sequence 1286, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan


```
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2420
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
; ORGANISM: Mus sp.
US-09-371-772B-2420

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1504 TTGGCCTGAATGACCT 1520
Db 17 TTGACTCAATGGCCT 1

RESULT 1503
US-09-371-772B-2518/c
; Sequence 2518, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2518
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2518

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1138 CTGAGAGATCAACA 1154
Db 17 CTGAGCAGACAAACA 1

RESULT 1504
US-09-371-772B-2659
; Sequence 2659, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
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; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2659
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2659

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 7.2e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 458 CTGTGAATTGGCTGGG 474
Db 1 CUGUGACUUCGCUUGG 17

RESULT 1505
US-09-371-772B-2780
; Sequence 2780, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2780
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2780

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 7.2e+02;
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

QY 2042 ATACTATTTTCATTTT 2058
Db 1 AUUGAUUUUUAUUUUU 17

RESULT 1506
US-09-371-772B-3285
; Sequence 3285, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
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; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4438
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-4438

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.2e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

CY 1435 GAAGTCACCGAAGAG 1451
|||:|||||
Db 1 GACGUACUGAAGAGGA 17

RESULT 1511
US-09-371-772B-4643
; Sequence 4643, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4643
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-4643

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.2e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

CY 1433 AAGAAGTCACCGAAGAG 1449
|||:|||||
Db 1 AAAGAGUCACAGAAGAG 17

RESULT 1512
US-09-371-772B-4785
; Sequence 4785, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4785
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-4785

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.2e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

CY 1738 AAGGTGCCAGGTCTGG 1754
|||:|||||
Db 1 AAUGGAGCCAGGCCUGG 17

RESULT 1513
US-09-371-772B-4864/C
; Sequence 4864, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4864
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-4864

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1020 CCTGGATACGGAGATCC 1036
|||:|||||
Db 17 CCTGGGTATGGAGACCC 1

RESULT 1514
US-09-371-772B-5043/C
; Sequence 5043, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5043
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5043

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 710 CTGGCAAAAGCAAGTAT 726
|||||
b 17 CTGGCAAAAGCTAGTTT 1

RESULT 1515

S-09-371-772B-5213
Sequence 5213, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5213
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-371-772B-5213

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 7.2e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Y 1892 GGCTCTTAAGTAACAT 1908
|||||
b 1 GGCUCUCCUAGUAAGAU 17

RESULT 1516

S-09-371-772B-5274
Sequence 5274, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5274
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5274

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1543 AGTCCTCACGTTTCTT 1559
|||||
Db 1 AGUCAGUCACGUUCCU 17

RESULT 1517

US-09-371-772B-6490
Sequence 6490, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6490
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6490

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.2e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 994 TGCAGGACATATGAGAC 1010
|||||
Db 1 UGCAGGACCAAGGAGAC 17

RESULT 1518

US-09-371-772B-6694/c
Sequence 6694, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08

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; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6694
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6694

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 398 TGTCTACTGGTGCTCT 414
DB 17 TGGCTACTGGTGATGCT 1

RESULT 1519
US-09-476-387-341/c
; Sequence 341, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 341
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-341

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1244 GCGATCAGCAGCAGAC 1260
DB 17 GCGATGAGCAGCTAGCC 1

RESULT 1520
US-09-476-387-453/c
; Sequence 453, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
```

```
; FILE REFERENCE: MBHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 453
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-453

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 782 TTTTCAAGCGGTCATG 798
DB 17 TTTTCAGCAGGTCAGG 1

RESULT 1521
US-09-476-387-491/c
; Sequence 491, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 491
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-491

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 156 GCCTACCGAATCCGCA 172
DB 17 GCCTCGCACAAATCCGCA 1
```

ESULT 1522

S-09-401-063-402/c
Sequence 402, Application US/09401063
Patent No. 6623962

GENERAL INFORMATION:

APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS

NUMBER OF SEQUENCES: 1877

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/401,063
FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 230/107

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 402:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

S-09-401-063-402

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 79 GGACCCGGAGGAAGT 95

3 17 GGCACTGGGAGGAAGT 1

ESULT 1523

S-09-401-063-601/c

Sequence 601, Application US/09401063
Patent No. 6623962

GENERAL INFORMATION:

APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS

NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 601:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-601

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1041 TGAGCTTCCATCAATG 1057

Db 17 TGAGTTTCAAAACAATG 1

RESULT 1524

US-09-401-063-634

Sequence 634, Application US/09401063
Patent No. 6623962

GENERAL INFORMATION:

APPLICANT: Akhtar, Saghir

APPLICANT: Fell, Patricia

APPLICANT: McSwiggen, James

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH

TITLE OF INVENTION: FACTOR RECEPTORS

NUMBER OF SEQUENCES: 1877

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

```

; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 634:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-09-401-063-634

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Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

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QY      176 TCATATTTGCTGCTC 192
      ||:||||:| ||:|
Db      1 CUCCAAUUGAGGCUC 17

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RESULT 1525
US-09-401-063-635
; Sequence 635, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 635:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-09-401-063-635

```

```

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

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QY      177 TCATATTTGCTGCTCA 193
      ||:||||:| ||:|
Db      1 UCCAAUUGAGGCUCA 17

```

```

RESULT 1526
US-09-401-063-701/c
; Sequence 701, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 701:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid

```

STRANDEDNESS: single
TOPOLOGY: linear
IS-09-401-063-701

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 414 TGTGGCAAGTCTGTGA 430
b 17 TGTGGCCAGAGCTGTAA 1

RESULT 1527
US-09-827-998-103/c
Sequence 103, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 103
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-103

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1975 GCTGCGCCTCTGTCTGT 1991
b 17 GCTTCCAGTCTGTCTGT 1

RESULT 1528
US-09-827-998-171
Sequence 171, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 171
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-171

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2049 TTTCATTTTGTGAGCC 2065
Db 1 TTGCATTTTGTGCCCC 17

RESULT 1529
US-09-827-998-172
Sequence 172, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 172
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-172

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2050 TTTCATTTTGTGAGCCT 2066
Db 1 TGCATTTTGTGCCCT 17

RESULT 1530
US-09-827-998-316
Sequence 316, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 316
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-316

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1401 GGATGAAAGAGAGAAAG 1417
Db 1 GAAGGAAAGAGAGAAAG 17

RESULT 1531


```
US-09-827-998-522
; Sequence 522, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDhMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 522
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-522

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1372 TTTCAAAAAGCCCAAGAG 1388
Db 1 TTTCAAAAGGACCAAGAG 17

RESULT 1532
US-09-827-998-523
; Sequence 523, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDhMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 523
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-523

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1373 TCAAAAAGGACCAAGAGA 1389
Db 1 TCAAAAGGACCAAGAGA 17

RESULT 1533
US-09-827-998-583
; Sequence 583, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDhMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 583
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-583

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1462 GAGGAGAGCCGAGAGC 1478
Db 1 GAGGTCAAGCGAGAGC 17

RESULT 1534
US-09-827-998-633/c
; Sequence 633, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDhMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 633
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-633

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 834 GGTCTTACAGTGTGGCT 850
Db 17 GCTCTGCCAGTGTGGCT 1

RESULT 1535
US-09-827-998-804
; Sequence 804, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDhMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
```

NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 804
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-804

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 408 TGGTCTGTGGCAAGTG 424
|||||||
b 1 TGGTCTGTAGAAAGAG 17

RESULT 1536
US-09-827-998-805
Sequence 805, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 805
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-805

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 409 GGTTCGTGGCAAGTGC 425
|||||||
b 1 GGTTCGTAGAAAGAGC 17

RESULT 1537
US-09-827-998-806
Sequence 806, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 806
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-827-998-806

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 410 GTTCTGTGGCAAGTGC 426
|||||||
Db 1 GTTCTGTAGAAAGAGCT 17

RESULT 1538
US-09-827-998-813
Sequence 813, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 813
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-813

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1412 AGAAAGACCCAGAGGAG 1428
|||||||
Db 1 AGAAAGAGCTAGGGGAG 17

RESULT 1539
US-09-866-108A-245/c
Sequence 245, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 245
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-245

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1334 AAAGAGGAGGAGGGG 1350
Db 17 AAAGAGGAGGCGAGG 1

RESULT 1540
US-09-866-108A-378/c
; Sequence 378, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 557
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-557

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 678 CCCAGGAAGTGGGACC 694
Db 1 CCCAGGAGCTGGGCTCC 17

RESULT 1542
US-09-866-108A-925/c
; Sequence 925, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 378
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-378

Query Match          0.6%; Score 12.2; DB 1; Length 17;
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Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      898 AAGGACAGCCCAAGTG 914
Db      1 AGAGACAGCCCAAGTG 17

RESULT 1545
US-09-866-108A-1324
; Sequence 1324, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1434
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1434

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      51 GGAGCGGACGACAGTG 67
Db      1 GGAGGTGAGCACATGG 17

RESULT 1547
US-09-866-108A-1535
; Sequence 1535, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1324
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1324

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1203 AATGCAGGCGATTCCTG 1219
Db      1 AAGGCAGGTGAGTCCTG 17

RESULT 1546
US-09-866-108A-1434
; Sequence 1434, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
```

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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1535
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1535

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y/ 464 ATTGGCTGGGGGCTG 480
b 1 ATGGGCTGGTGCCTG 17

RESULT 1548
US-09-866-108A-1540
Sequence 1540, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1540
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1540
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Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1012 GCTGTGGCCCTGGATAC 1028
Db 1 GCTGTGGCCCTGGAGAC 17

RESULT 1549
US-09-866-108A-1546
Sequence 1546, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1546
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1546

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1018 GCCCTGGATACGAGAT 1034
Db 1 GCCCTGGAGACAGACT 17

RESULT 1550
US-09-866-108A-1613/c
Sequence 1613, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
```

```
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 1613
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-1613

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1923 TTGGTCTCTCTTCGTA 1939
Db 17 TTGGTCTCTCTTCGTA 1

RESULT 1551
US-09-866-108A-2237/c
/ Sequence 2237, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Shaixion G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 1613
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-1613
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/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 2237
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-2237

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1281 GATCTGCTCTCTGACA 1297
Db 17 GATCTCTCCACTGAGA 1

RESULT 1552
US-09-866-108A-2323
/ Sequence 2323, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Shaixion G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 2323
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-2323
```

S-09-866-108A-2323

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 593 TTCCATGGTGACGGC 609
||| ||||| |||
b 1 TTCCATGGTGATGC 17

RESULT 1554

US-09-866-108A-2324
Sequence 2324, Application US/09866108A
Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 2324

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-2324

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 594 TCACCATGGTGACGGC 610
||| ||||| |||
b 1 TCACCATGGTGATCG 17

RESULT 1554

US-09-866-108A-2554/C
Sequence 2554, Application US/09866108A
Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2554
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2554

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1979 GCCTCTGTCTGTCTTC 1995
||| ||||| |||
Db 17 GCCTCTGTCTGTCTTC 1

RESULT 1555

US-09-866-108A-2847

Sequence 2847, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667


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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2847
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2847

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1443 CGAAGGAGGAGAAACCA 1459
Db 1 CGAGGATGAGGAACCA 17

RESULT 1556
US-09-866-108A-5905
; Sequence 5905, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5905
; LENGTH: 17
; TYPE: DNA
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; ORGANISM: Homo sapiens
US-09-866-108A-5905

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 844 TGTGCTCAGACTCCCT 860
Db 1 TGTGATCAAAATCCCT 17

RESULT 1557
US-09-866-108A-6069
; Sequence 6069, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6069
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6069

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1506 GGCCTGAATGGACCTCT 1522
Db 1 GGACTGAGGGTCCTCT 17

RESULT 1558
US-09-866-108A-6306
; Sequence 6306, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
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/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-6827

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1659 CTCAGGGCAGCTGTGCT 1675
DB 1 CTCAGGGCAGGTGTGAT 17

RESULT 1561
US-09-866-108A-7461/c
; Sequence 7461, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7461
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7462

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1206 GCAGCGGATTCCTGAGG 1222
DB 17 GCAGCGGTTTCTGAGG 1

RESULT 1563
US-09-866-108A-7463/c
; Sequence 7463, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666

QY 1207 CAGCGGATTCCTGAGGA 1223
DB 17 CAGACGCTTCTGAGGA 1

RESULT 1562
US-09-866-108A-7462/c
; Sequence 7462, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
```



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/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7846
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-7846

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1274 GCATCTCGATCGCTCC 1290
Db      17 GCATCTCCACCTGCTGC 1

RESULT 1567
US-09-866-108A-8300/c
/ Sequence 8300, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7846
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-7846

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1274 GCATCTCGATCGCTCC 1290
Db      17 GCATCTCCACCTGCTGC 1

RESULT 1567
US-09-866-108A-8300/c
/ Sequence 8300, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7846
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-8300

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1282 ATCTGCTCTCTGACAA 1298
Db      17 AGCTGCACGCTGACAA 1

RESULT 1568
US-09-866-108A-8301/c
/ Sequence 8301, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8300
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-8300
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SEQ ID NO 8301
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-866-108A-8301

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1281 GATCTGCTCTCTGACA 1297
b 17 GAGCTGACGCTGACA 1

ESULT 1569
S-09-866-108A-8357
Sequence 8357, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8557
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8557

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CGATGAGGACGAGACG 1261
Db 1 CGATGAGGACGAGATG 17

RESULT 1571
US-09-866-108A-8558
Sequence 8558, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8357
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-866-108A-8357

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1129 AATGAGTACCTGGAGAA 1145
b 1 AAGAGGAGCTGGAGAA 17

ESULT 1570
S-09-866-108A-8557
Sequence 8557, Application US/09866108A
```


Sequence 8654, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 8654

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

S-09-866-108A-8654

Query Match

Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;

Mismatches 0; Conservative 3; Indels 0; Gaps 0;

Y 2004 CTGCGCTGGAGGTTC 2020

b 1 CTGCGCTGGAGGAAGC 17

ESULT 1575

S-09-866-108A-8662

Sequence 8662, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8662
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8662

Query Match 0.6%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 7.2e+02;

Mismatches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1449 GGAGAAACCAAGG 1465

Db 1 GGAGGAAGCAAGG 17

RESULT 1576

US-09-866-108A-8663

; Sequence 8663, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755


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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8903
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-866-108A-8903

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y      953 TGCTGGAGCGCTGCT 969
      ||||| ||||| |||||
b      17 TGCTGGAGCTCGAGGT 1

35ULT 1580
3-09-866-108A-9020/c
Sequence 9020, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9072
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9072

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY     1515 ATCGACCTCTCCAGCTC 1529
      ||||| ||||| |||||
Db      17 ACGTACTTCTCCAGCTC 1

RESULT 1581
US-09-866-108A-9072/c
Sequence 9072, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9072
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9072

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY     1515 GGACCTCTCCAGCTCTG 1531
      ||||| ||||| |||||
Db      17 GGATGTCTCCAGGTCTG 1
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RESULT 1582
US-09-866-108A-9073/c
; Sequence 9073, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/236,359
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9073
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9073

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1514 TGGACCTCTCCAGTCT 1530
DB 17 TGGATGTCTCCAGTCT 1

RESULT 1583
US-09-866-108A-9074/c
; Sequence 9074, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9073
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9073

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1514 TGGACCTCTCCAGTCT 1530
DB 17 TGGATGTCTCCAGTCT 1
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RESULT 1584
US-09-866-108A-9075/c
; Sequence 9075, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9074
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9074

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1513 ATGGACCTCTCCAGTCT 1529
DB 17 ATGGATGTCTCCAGTCT 1

RESULT 1584
US-09-866-108A-9075/c
; Sequence 9075, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9074
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9074
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Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9075
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-09-866-108A-9075

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1512 AATGGACCTCTCCAGCT 1528
|||||
b 17 AATGGATGCTCCAGGT 1

ESULT 1585
S-09-866-108A-9078/c
Sequence 9078, Application US/09866108A
Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AECOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

SOFTWARE: Aecomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 9078

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

S-09-866-108A-9078

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1509 CTGAATGGACCTCTCCA 1525
|||||
b 17 CCGAATGGATGCTCCA 1

RESULT 1586

US-09-866-108A-9228/c

; Sequence 9228, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 9228

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-9228

Query Match 0.6%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 7.2e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1973 CTGCGTGGCCCTCTGCT 1989

|||||

Db 17 CAGGCTGGCCCTCTGGCT 1

RESULT 1587

US-09-866-108A-9244

; Sequence 9244, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

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; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9244
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9244

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1668 GCTGTGCTGGTGAGCT 1684
DB 1 GCAGTCTGTTGAGCT 17

RESULT 1588
US-09-866-108A-9891
; Sequence 9891, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10189
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10189

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1431 GAAAGAAGTCACCGAAG 1447
DB 17 GGAGGAAGTCATCGAAG 1
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage
COMPUTER: IBM AT-compatible, 80486 processor
OPERATING SYSTEM: MS-DOS version 6.0
SOFTWARE: WordPerfect version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,113
FILING DATE:
CLASSIFICATION: 530
CLASSIFICATION: C07K 73/10
CLASSIFICATION: A61K 37/64
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP92/02661
FILING DATE: 19-NOV-1992
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-244-113-21

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 639 GGTCATGACTGTGTCCT 655
||||| |||||
b 18 GGTCATGACTGTGTCCT 2

RESULT 1596
S-08-156-020-11/c
Sequence 11, Application US/08156020
Patent No. 5474920
GENERAL INFORMATION:
APPLICANT: Moses M.D., Robb E.
TITLE OF INVENTION: Modified Thermo-Resistant DNA
TITLE OF INVENTION: Polymerases
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff
STREET: 10 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/156,020
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield Ph.D., Michael S.
REGISTRATION NUMBER: 37,142
REFERENCE/DOCKET NUMBER: 93,413
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)715-1000
TELEFAX: (312)715-1234
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
FEATURE:
NAME/KEY: -

LOCATION: 1..18
OTHER INFORMATION: /note= "PCR reverse primer used for
OTHER INFORMATION: FUC18"
US-08-156-020-11

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTCATGACTGTGTCCT 655
||||| |||||
Db 18 GGTCATGACTGTGTCCT 2

RESULT 1597
US-08-474-542A-191
Sequence 191, Application US/08474542A
Patent No. 5527898
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravitt, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Imprim, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,542A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9234
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 191:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-474-542A-191

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 561 TCACCAGAGGTGCTGT 577
||||| |||||
Db 1 TCACCAGATGTGCAGT 17

RESULT 1598
US-08-271-942A-108/c
Sequence 108, Application US/08271942A
Patent No. 5550020

GENERAL INFORMATION:
APPLICANT: Gallie, Brenda L.
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
and Targeted Screening for Retinoblastoma
NUMBER OF SEQUENCES: 123
CORRESPONDENCE ADDRESS:
ADDRESSEE: Opedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,942A
FILING DATE: 08-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 108:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: primer for exon 21 of human RB1 gene
US-08-271-942A-108
Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2042 ATACTATTTTCATTTT 2058
Db 18 ATACATTTTCTTCT 2
RESULT 1599
US-08-164-200-13
Sequence 13, Application US/08164200
Patent No. 5552390
GENERAL INFORMATION:
APPLICANT: Scholar, Eric M.
APPLICANT: Iverson, Patrick L.
TITLE OF INVENTION: Phosphorochioate Inhibitors of Metastatic
Breast Cancer
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zarley, McKee, Thomte, Voorhees, & Sease
STREET: 801 Grand Avenue Suite 3200
CITY: Des Moines

STATE: Iowa
COUNTRY: United States
ZIP: 50309
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/164,200
FILING DATE: December 9, 1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Nebel, Heidi Sease
REGISTRATION NUMBER: P-37,719
REFERENCE/DOCKET NUMBER: UNMC #63054
TELECOMMUNICATION INFORMATION:
TELEPHONE: (515) 288-3667
TELEFAX: (515) 288-1338
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: mRNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-164-200-13
Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 706 GGGGTGGCAAGGCAA 722
Db 2 GGTGGTGACAGGCAA 18
RESULT 1600
US-08-411-795B-208/c
Sequence 208, Application US/08411795B
Patent No. 5604116
GENERAL INFORMATION:
APPLICANT: Abrams, Mark A.
APPLICANT: Bauer, S. C.
APPLICANT: Braford-Goldberg, Sarah R.
APPLICANT: Caparon, Mairé H.
APPLICANT: Easton, Alan M.
APPLICANT: Klein, Barbara K.
APPLICANT: McKearn, John P.
APPLICANT: Olins, Peter O.
APPLICANT: Paik, Kuman
APPLICANT: Thomas, John W.
TITLE OF INVENTION: Interleukin-3 (IL-3) Multiple Mutation
NUMBER OF SEQUENCES: 415
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
ADDRESSEE: Corporate Patent Dept.
STREET: P. O. Box 5110
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/411,795B
FILING DATE: 04-JUN-1995

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CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/981,044
FILING DATE: 24-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/11197
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C27113/2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (708)470-6501
TELEFAX: (708)470-6881
INFORMATION FOR SEQ ID NO: 208:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
S-08-411-795B-208

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1250 AGGACGAGACGACCCT 1266
b | ||||| |||||
17 ATGACGAGACGCTCT 1

RESULT 1601
S-08-390-850-1078
Sequence 1078, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1127:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-1127

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1078:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-1078

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 47.1%; Pred. No. 8.1e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 935 TTAACCTGCCTATGCTG 951
Db 1 UUCUCGUGCCUGUGUG 17

RESULT 1602
US-08-390-850-1127
Sequence 1127, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1127:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-1127
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Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 52.9%; Pred. No. 8.1e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1089 GCTCCACATCAGTCTT 1105
DB 2 GAUCCAGAUUCUCCUU 18

RESULT 1603

US-08-319-492B-737/c
Sequence 737, Application US/08319492B

Patent No. 5616488

GENERAL INFORMATION:

APPLICANT: Sullivan, Sean M.

APPLICANT: Draper, Kenneth G.

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF IL-5

NUMBER OF SEQUENCES: 751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/319,492B

FILING DATE: October 7, 1994

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/276

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 737:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-319-492B-737

Query Match

Best Local Similarity 0.6%; Score 12.2; DB 1; Length 18;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1333 GAAGAGGAGGAGGG 1349
DB 18 GAAGAGGAGGAGGAGG 2

RESULT 1604

US-08-060-984-2

Sequence 2, Application US/08060984

Patent No. 5627158

GENERAL INFORMATION:

APPLICANT: Yoon S. Cho-Chung

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR TREATMENT OF CANCER

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein and Fox

STREET: 1225 Connecticut Avenue, N.W.

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: DOS

SOFTWARE: PatentIn

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/060,984

FILING DATE: 19930514

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/702,163

FILING DATE: May 20, 1993

ATTORNEY/AGENT INFORMATION:

NAME: Robert W. Esmond

REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 1350.0050003

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202)466-0800

TELEFAX: (202)833-8716

TELEX: 248636 SSI

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 bases

TYPE: NUCLEIC ACID

STRANDEDNESS: Single

TOPOLOGY: linear

MOLECULE TYPE: DNA

ANTI-SENSE: yes

US-08-060-984-2

Query Match 0.6%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 8.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1936 CGTACCTTCCCACTGGC 1952

DB 2 CGTGCCTCTCACTGGC 18

RESULT 1605

US-08-457-648-191

Sequence 191, Application US/08457648

Patent No. 5639871

GENERAL INFORMATION:

APPLICANT: Bauer, Heidi M.

APPLICANT: Gravitt, Patti E.

APPLICANT: Greer, Catherine E.

APPLICANT: Imprim, Chaka C.

APPLICANT: Manos, M. Michele

APPLICANT: Resnick, Robert M.

TITLE OF INVENTION: Detection of Human Papillomavirus by the

NUMBER OF SEQUENCES: 298

CORRESPONDENCE ADDRESS:

ADDRESSEE: Hoffmann-La Roche Inc.

STREET: 340 Kingsland Street

CITY: Nutley

STATE: New Jersey

COUNTRY: U.S.A.

ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,648
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 3205
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 191:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
S-08-457-648-191

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 561 TCACCAGAGGTGCTGT 577
b 1 TCACCAGATGTTCAGT 17

RESULT 1606
S-08-373-124A-2227
Sequence 2227, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2227:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2227

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 41.2%; Pred. No. 8.1e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

Qy 2028 GTTTCCTTTTGTGAGATA 2044
Db 1 GTUUCUGUUGGGAGA 17

RESULT 1607
US-08-471-601-3/C
Sequence 3, Application US/08471601
Patent No. 5689049
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,601
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/341/PIHI
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-471-601-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;


```
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1083:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-1083

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y      633 GGACCGGTCATGACTG 649
      ||| ||||| |||||
b      17 GGCCAGGTCAGGACTG 1

RESULT 1611
US-08-363-240A-1221/c
Sequence 1221, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1221:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1083:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-1221

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y      440 AGCAGCAGCGGACATC 456
      ||| ||||| |||||
Db      17 AGCAGCAGCGGACATC 1

RESULT 1612
US-08-363-240A-1224
Sequence 1224, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1224:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-1224

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 76.5%; Pred. No. 8.1e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

y      441 GCAGCAGCGGACATCG 457
      ||| ||||| |||||
Db      2 GCUGCAGUGGACUUCG 18

RESULT 1613
US-08-452-055-39
```

; Sequence 39, Application US/08452055
; Patent No. 5705627
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Manos, Michele
; APPLICANT: Resnick, Robert M.
; APPLICANT: Ting, Yi
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,055
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Sias, Stacey R.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 9188
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-452-055-39

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 561 TCACCAGAGGTGCTGT 577
Db 1 TCACCAGATGTTGCAGT 17

RESULT 1614
US-08-458-067-40/c
; Sequence 40, Application US/08458067
; Patent No. 5728557
; GENERAL INFORMATION:
; APPLICANT: Register, Robert B.
; APPLICANT: Shafer, Jules A.
; TITLE OF INVENTION: HERPES SIMPLEX TYPE 1 PROTEASE MUTANTS
; TITLE OF INVENTION: AND VECTORS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ms. Joanne M. Giesser
; STREET: 126 East Lincoln Avenue, P.O. Box 2000-0907
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,067
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Giesser, Joanne M.
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19457
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-3046
; TELEFAX: (908) 594-4720
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-458-067-40

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 722 AGTATTATGCTGTTAAC 738
Db 17 AGCATCATGTTGTTAAC 1

RESULT 1615
US-08-435-634-1078
; Sequence 1078, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1078:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-1078

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 47.1%; Pred. No. 8.1e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 935 TTAACCTGCTATGCTG 951
DB 1 UUCUCUGCCUGUCUG 17

RESULT 1616
US-08-435-634-1127
Sequence 1127, Application US/08435634
Patent No. 5731295

GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McGwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: NO. 5731295ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1127:
SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-1127

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 52.9%; Pred. No. 8.1e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1089 GCTCCATCATGCTCTT 1105
DB 2 GAUCCAGAUUGUCCUU 18

RESULT 1617
US-08-351-899-3/c
Sequence 3, Application US/08351899
Patent No. 5750868
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
Male Sterility in Transgenic Plants
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/351,899
FILING DATE: 08-DEC-1994
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/208/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-351-899-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTATGCTGTGCT 655
DB 18 GGTATGCTGTGCT 2

RESULT 1618
US-08-479-382-3/c
Sequence 3, Application US/08479382
Patent No. 5763243
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.


```

; TITLE OF INVENTION: Reversible Nuclear Genetic System For
; TITLE OF INVENTION: Male Sterility in Transgenic Plants
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/479,382
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/351,899
; FILING DATE: 08-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 33229/339/PIHI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-479-382-3

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; APPLICATION NUMBER: US/08/298,087
; FILING DATE:
; APPLICATION NUMBER: US/07/922,987
; FILING DATE: 30-JUL-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Muccino, Richard R.
; REGISTRATION NUMBER: 32,538
; REFERENCE/DOCKET NUMBER: UMDI-009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 466-3407
; TELEFAX: (609) 466-2760
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-08-505-509-29

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0

QY 1569 CTCAGATTTTATATTT 1585
Db 1 CGCATATTTTATAT 17

RESULT 1620
US-08-741-881-112
; Sequence 112, Application US/08741881
; Patent No. 5789245
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr, Thomas W
; APPLICANT: Polo, John M.
; APPLICANT: Ibanez, Carlos E.
; APPLICANT: Chang, Stephen M.W.
; APPLICANT: Jolly, Douglas J.
; APPLICANT: Driver, David A.
; APPLICANT: Belli, Barbara A.
; TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/741.881
; FILING DATE: 30-OCT-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.423C6 / 1146.007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-741-881-112

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Query Match 0.6%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 8.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 890 TAACTATCAAGGACAC 906
 ||||| ||||| |||||
 Db 2 TAACTGTCAAAGCCAC 18

RESULT 1621
 US-08-470-354-3/c
 ; Sequence 3, Application US/08470354
 ; Patent No. 5792853
 ; GENERAL INFORMATION:
 ; APPLICANT: CIGAN, Andrew M.
 ; APPLICANT: ALBERTSEN, Marc C.
 ; TITLE OF INVENTION: Reversible Nuclear Genetic System For
 ; TITLE OF INVENTION: Male Sterility In Transgenic Plants
 ; NUMBER OF SEQUENCES: 23
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Foley & Lardner
 ; STREET: 3000 K Street, N.W., Suite 500
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: USA
 ; ZIP: 20007-5109
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/470,354
 ; FILING DATE: 07-JUN-1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/351,899
 ; FILING DATE: 08-DEC-1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: BENT, Stephen A.
 ; REGISTRATION NUMBER: 29,768
 ; REFERENCE/DOCKET NUMBER: 33229/337/PIHI
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (202)672-5300
 ; TELEFAX: (202)672-5399
 ; TELEX: 904136
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-470-354-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 8.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 639 GGTGATGACTGTGTCCT 655
 ||||| ||||| |||||
 Db 18 GGTGATGACTGTTCCT 2

RESULT 1622
 JS-08-479-383-3/c
 ; Sequence 3, Application US/08479383
 ; Patent No. 5795753
 ; GENERAL INFORMATION:
 ; APPLICANT: CIGAN, Andrew M.
 ; APPLICANT: ALBERTSEN, Marc C.
 ; TITLE OF INVENTION: Reversible Nuclear Genetic System For
 ; TITLE OF INVENTION: Male Sterility In Transgenic Plants
 ; NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Foley & Lardner
 ; STREET: 3000 K Street, N.W., Suite 500
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: USA
 ; ZIP: 20007-5109
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/479,383
 ; FILING DATE: 07-JUN-1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/351,899
 ; FILING DATE: 08-DEC-1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: BENT, Stephen A.
 ; REGISTRATION NUMBER: 29,768
 ; REFERENCE/DOCKET NUMBER: 33229/340/PIHI
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (202)672-5300
 ; TELEFAX: (202)672-5399
 ; TELEX: 904136
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-479-383-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 8.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGTCCT 655
 ||||| ||||| |||||
 Db 18 GGTGATGACTGTTCCT 2

RESULT 1623
 US-08-399-986B-13/c
 ; Sequence 13, Application US/08399986B
 ; Patent No. 5801041
 ; GENERAL INFORMATION:
 ; APPLICANT: Godwin, Andrew K.
 ; TITLE OF INVENTION: No. 5801041el Gene Associated with Suppression
 ; TITLE OF INVENTION: of Tumor Development
 ; NUMBER OF SEQUENCES: 35
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
 ; STREET: 1601 Market Street
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: USA
 ; ZIP: 19103-2307
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/399,986B
 ; FILING DATE: 06-MAR-1995
 ; CLASSIFICATION: 530
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Hagan, Patrick J.
 ; REGISTRATION NUMBER: 27,643
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (215) 563-4100

Query Match 0.6%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 8.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 639 GGTGATGACTGTGTCCT 655
 ||||| ||||| |||||
 Db 18 GGTGATGACTGTTCCT 2

RESULT 1623
 US-08-399-986B-13/c
 ; Sequence 13, Application US/08399986B
 ; Patent No. 5801041
 ; GENERAL INFORMATION:
 ; APPLICANT: Godwin, Andrew K.
 ; TITLE OF INVENTION: No. 5801041el Gene Associated with Suppression
 ; TITLE OF INVENTION: of Tumor Development
 ; NUMBER OF SEQUENCES: 35
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
 ; STREET: 1601 Market Street
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: USA
 ; ZIP: 19103-2307
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/399,986B
 ; FILING DATE: 06-MAR-1995
 ; CLASSIFICATION: 530
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Hagan, Patrick J.
 ; REGISTRATION NUMBER: 27,643
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (215) 563-4100

TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
US-08-399-986B-13

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 584 ACATTGATTTACCAT 600
Db 17 ACATTGATTTCCCAT 1

RESULT 1624
US-08-727-003A-55
; Sequence 55, Application US/08727003A
; Patent No. 5804383
; GENERAL INFORMATION:
; APPLICANT: Gruenert, Dieter, C.
; APPLICANT: Dohrman, Austin F.
; TITLE OF INVENTION: A METHOD AND ASSAY FOR
; TITLE OF INVENTION: DETECTION OF THE EXPRESSION
; TITLE OF INVENTION: OF ALLELE-SPECIFIC MUTATIONS
; TITLE OF INVENTION: BY ALLELE-SPECIFIC IN SITU
; TITLE OF INVENTION: REVERSE TRANSCRIPTASE
; TITLE OF INVENTION: POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PETERS, VERNY, JONES & BIK A, L.L.P.
; STREET: 385 Sherman Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: United States of America
; ZIP: 94306-1840
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Kb storage
; COMPUTER: PC
; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/727,003A
; FILING DATE: October 8, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,254
; FILING DATE: October 10, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Hana Verny
; REGISTRATION NUMBER: 30,518
; REFERENCE/DOCKET NUMBER: 480-77
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-1677
; TELEFAX: (415) 324-1678
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic oligonucleotide
US-08-727-003A-55

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 895 ATCAAGGACACGCCAA 911
Db 1 ATCATGGAACACCAA 17

RESULT 1625
US-08-758-306-517/c
; Sequence 517, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 517:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-517

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1656 GAGCTCAGGGCAGCTGT 1672
Db 18 GGGCTCAGAGCTGCTGT 2

RESULT 1626
US-08-758-306-527/c
; Sequence 527, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

;/ TITLE OF INVENTION: TREATMENT OF DISEASES
;/ TITLE OF INVENTION: ASSOCIATED WITH
;/ TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
;/ TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
;/ NUMBER OF SEQUENCES: 1379
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ CITY: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 90071-2066
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: FastSeq Version 1.5
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/758,306
;/ FILING DATE: December 3, 1996
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER:
;/ FILING DATE:
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 212/132
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 527:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 18 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-758-306-527

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1868 TTCAAGGATCTCTGTT 1884
Db 17 TTCAAGATCTGTTGT 1

RESULT 1627
US-08-758-306-1353/c
;/ Sequence 1353, Application US/08758306
;/ Patent No. 5807743
;/ GENERAL INFORMATION:
;/ APPLICANT: Stinchcomb, Dan T.
;/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;/ TITLE OF INVENTION: TREATMENT OF DISEASES
;/ TITLE OF INVENTION: ASSOCIATED WITH
;/ TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
;/ NUMBER OF SEQUENCES: 1379
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ CITY: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 90071-2066
;/ COMPUTER READABLE FORM:

;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: FastSeq Version 1.5
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/758,306
;/ FILING DATE: December 3, 1996
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER:
;/ FILING DATE:
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 212/132
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 1353:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 18 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-758-306-1353

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1656 GAGCTCAGGCGAGCTGT 1672
Db 18 GGGCTCAGAGCTGCTGT 2

RESULT 1628
US-08-459-568-17
;/ Sequence 17, Application US/08459568
;/ Patent No. 5811304
;/ GENERAL INFORMATION:
;/ APPLICANT: Huang, Shi
;/ TITLE OF INVENTION: Retinoblastoma Protein - Interacting
;/ TITLE OF INVENTION: Zinc Finger Proteins
;/ NUMBER OF SEQUENCES: 93
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Campbell and Flores
;/ STREET: 4370 La Jolla Village Drive, Suite 700
;/ CITY: San Diego
;/ STATE: California
;/ COUNTRY: USA
;/ ZIP: 92122
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Floppy disk
;/ COMPUTER: IBM PC compatible
;/ OPERATING SYSTEM: PC-DOS/MS-DOS
;/ SOFTWARE: Patent In Release #1.0, Version #1.25
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/459,568
;/ FILING DATE: 02-JUN-1995
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US 08/399,411
;/ FILING DATE: 06-MAR-1995
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Campbell, Cathryn A.
;/ REGISTRATION NUMBER: 31,815
;/ REFERENCE/DOCKET NUMBER: P-LJ 1264
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (619) 535-9001
;/ TELEFAX: (619) 535-8949
;/ INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-459-568-17

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1958 GTGAGCCAAAGAACACT 1974
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Db 1 GTGTCCCAAGAACAT 17

RESULT 1629

US-08-739-158-112
; Sequence 112, Application US/08739158
; Patent No. 5814482
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr, Thomas W
; APPLICANT: Polo, John M.
; APPLICANT: Jolly, Douglas J.
; APPLICANT: Driver, David A.
; TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/739,158
; FILING DATE: 30-OCT-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.423D3 / 1145.012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-739-158-112

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 890 TAACTATCAAGGACAC 906
||||| ||||| |||||
Db 2 TAACTGTCAAGGACAC 18

RESULT 1630

US-08-469-319A-208/c
; Sequence 208, Application US/08469319A
; Patent No. 5817486
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.

APPLICANT: Bauer, S. C.
APPLICANT: Braford-Goldberg, Sarah R.
APPLICANT: Caparon, Mairé H.
APPLICANT: Easton, Alan M.
APPLICANT: Klein, Barbara K.
APPLICANT: McKearn, John P.
APPLICANT: Olins, Peter O.
APPLICANT: Paik, Kumnan
APPLICANT: Thomas, John W.
TITLE OF INVENTION: Interleukin-3 (IL-3) Multiple Mutation
; TITLE OF INVENTION: Polypeptides
; NUMBER OF SEQUENCES: 415
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,319A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11197
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708) 470-6501
; TELEFAX: (708) 470-6881
; INFORMATION FOR SEQ ID NO: 208:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-469-319A-208

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1250 AGGACGAGACGACCT 1266
||||| ||||| |||||
Db 17 ATGACGAGACGTCTCT 1

RESULT 1631

US-08-435-628-2227
; Sequence 2227, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627

```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; SUITE: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 2227:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-435-628-2227

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Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 41.2%; Pred. No. 8.1e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

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>Y 2028 GTTTCCTTTTGGAGATA 2044
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>b 1 GUUUCUGUUGGGAGA 17

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RESULT 1632
; US-08-493-754A-13/c
; Sequence 13, Application US/08493754A
; Patent No. 5821338
; GENERAL INFORMATION:
; APPLICANT: Godwin, Andrew K.
; TITLE OF INVENTION: No. 5821338el Gene Associated with Suppression
; TITLE OF INVENTION: of Tumor Development
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/493,754A
; FILING DATE: 22-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Hagan, Patrick J.
; REGISTRATION NUMBER: 27,643
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
; US-08-493-754A-13

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Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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>Y 584 ACATTGATATTCACCAT 600
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>b 17 ACATTGATATTCACCAT 1

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RESULT 1633
; US-08-528-523-3
; Sequence 3, Application US/08528523
; Patent No. 5824782
; GENERAL INFORMATION:
; APPLICANT: Hoelzer, Wolfgang
; APPLICANT: von Hoegen, Ilka
; APPLICANT: Strittmatter, Wolfgang
; APPLICANT: Matzku, Siegfried
; TITLE OF INVENTION: Immunoconjugates II
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Millen, White, Zelano & Branigan, P.C.
; STREET: 2200 Clarendon Boulevard, Suite 1400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22201
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/528,523
; FILING DATE: 06-NOV-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 94114572.4
; FILING DATE: 16-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hamlet-King, Diana
; REGISTRATION NUMBER: 33,302
; REFERENCE/DOCKET NUMBER: Merck 1717
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-243-6333
; TELEFAX: 703-243-6410
; TELEX: 64191
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs

```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "c-gammalCH2/IL-8 junction"
; HYPOTHETICAL: NO
US-08-528-523-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1477 GCCAAAGGGTCAAGGA 1493
|||||
Db 1 GCCAAGTGCATCAAGA 17
|||||

RESULT 1634
US-08-528-523-3/c
; Sequence 3, Application US/08528523
; Patent No. 5824782
; GENERAL INFORMATION:
; APPLICANT: Hoelzer, Wolfgang
; APPLICANT: von Hoegen, Ilka
; APPLICANT: Strittmatter, Wolfgang
; APPLICANT: Matzku, Siegfried
; TITLE OF INVENTION: Immunocojugates II
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Millen, White, Zelano & Brannigan, P.C.
; STREET: 2200 Clarendon Boulevard, Suite 1400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22201

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/528,523
; FILING DATE: 06-NOV-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 94114572.4
; FILING DATE: 16-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hamlet-King, Diana
; REGISTRATION NUMBER: 33,302
; REFERENCE/DOCKET NUMBER: Merck 1717
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-243-6333
; TELEFAX: 703-243-6410
; TELEX: 64191
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "c-gammalCH2/IL-8 junction"
; HYPOTHETICAL: NO
US-08-528-523-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1060 TACTTTGATCACTTTGG 1076
|||||
Db 18 TTCTTTGATCACTTTGG 2
|||||

RESULT 1635
US-08-639-363-16/c
; Sequence 16, Application US/08639363
; Patent No. 5830655
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Shaler, Thomas A.
; APPLICANT: Pollart, Daniel J.
; TITLE OF INVENTION: Oligonucleotide Sizing Using Cleavable
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/639,363
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/445,751
; FILING DATE: 22-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Evans, Susan T.
; REGISTRATION NUMBER: 38,443
; REFERENCE/DOCKET NUMBER: 8255-0015.30
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-324-0880
; TELEFAX: 415-324-0960
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: 5' biotinylated M13 reverse primer,
; INDIVIDUAL ISOLATE: 5'(S)T at posn 14
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 13..14
; OTHER INFORMATION: /note= "primer is biotinylated at
; OTHER INFORMATION: 5' end and contains a 5'(S)-T at positio...."
US-08-639-363-16

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTGATGACTGTGTCCT 655
|||||
Db 18 GGTGATGACTGTGTCCT 2
|||||

RESULT 1636
US-08-399-411-17
; Sequence 17, Application US/08399411
; Patent No. 5831008
; GENERAL INFORMATION:

APPLICANT: Huang, Shi
TITLE OF INVENTION: Retinoblastoma Protein - Interacting
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell and Flores
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/399,411
FILING DATE: 06-MAR-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 1264
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-399-411-17

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1958 GTGAGCCAGAAACACT 1974
Db 1 GTGTCACAGAAACATT 17

RESULT 1637
US-08-267-803B-69
Sequence 69, Application US/08267803B
Patent No. 5834183
GENERAL INFORMATION:
APPLICANT: Orr, Harry T.
APPLICANT: Ranum, Laura P.W.
APPLICANT: Chung, Ming-yi.
APPLICANT: Zoghbi, Huda Y.
TITLE OF INVENTION: Gene Sequence for Spinocerebellar Ataxia
Patent No. 5834183
TITLE OF INVENTION: Type 1 and Method for Diagnosis
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mueeting, Raasch, Gebhardt & Schwappach, P.A.
STREET: P.O. Box 581415
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55458-1415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/267,803B
FILING DATE: 28-JUN-1994
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: McCormack, Myra H.
REGISTRATION NUMBER: 36,602
REFERENCE/DOCKET NUMBER: 110.00030120
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1217
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-267-803B-69

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1507 GCCTGAATGACCTCTC 1523
Db 1 GCTTGAATGACCACCC 17

RESULT 1638
US-08-479-041-3/C
Sequence 3, Application US/08479041
Patent No. 5837851
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility in Transgenic Plants
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,041
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/338/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-479-041-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGCTCCT 655
||||| ||||| |||||
Db 18 GGTGATGACTGTGCTCCT 2

RESULT 1639
US-08-739-167-112
; Sequence 112, Application US/08739167
; Patent No 5843723
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr, Thomas W
; APPLICANT: Polo, John M.
; APPLICANT: Ibanez, Carlos E.
; APPLICANT: Chang, Stephen M.W.
; APPLICANT: Jolly, Douglas J.
; APPLICANT: Driver, David A.
; APPLICANT: Belli, Barbara A.
; TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS AND ALPHAVIRUS
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED AND BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/739,167
; FILING DATE: 30-OCT-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.423C7 / 1146.008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-739-167-112

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 890 TAACTATCAAGGACAC 906
||||| ||||| |||||
Db 2 TAACTGTCAAGGCCAC 18

RESULT 1640
US-08-491-690A-29
; Sequence 29, Application US/08491690A
; Patent No 5849484
; GENERAL INFORMATION:
; APPLICANT: Leibowitz, Michael J.
; APPLICANT: Liu, Yong
; TITLE OF INVENTION: In Vitro Assay For Inhibitors
; OF THE INTRON SELF-SPLICING REACTION IN PNEUMOCYSTIS CARINII
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Richard R. Muccino
; STREET: 758 Springfield Avenue
; CITY: Summit

; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07901
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/491,690A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/068,248
; FILING DATE: 27-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Muccino, Richard R.
; REGISTRATION NUMBER: 32,538
; REFERENCE/DOCKET NUMBER: UMD1-012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 273-4988
; TELEFAX: (908) 273-4579
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-491-690A-29

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1569 CTCGATTTTATATTT 1585
||||| ||||| |||||
Db 1 CGCATATTTATATAT 17

RESULT 1641
US-08-710-330A-8/c
; Sequence 8, Application US/08710330A
; Patent No 5854041
; GENERAL INFORMATION:
; APPLICANT: Brayer, Gary D.
; APPLICANT: Lee, Hung
; APPLICANT: Mauk, Grant A.
; APPLICANT: Smith, Michael
; APPLICANT: Tong, Harry
; APPLICANT: Wan, Lianglu
; TITLE OF INVENTION: MYOGLOBIN WITH PEROXIDASE ACTIVITY
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/710,330A
; FILING DATE: 16-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: GAY, David A.
; REGISTRATION NUMBER: 39,200
; REFERENCE/DOCKET NUMBER: P-SM 2262

TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-710-330A-8

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACGTGTCCT 655
Db 18 GGTCATGACGTGTCCT 2

RESULT 1642
US-08-450-905B-92
Sequence 92, Application US/08450905B
Patent No. 5856301
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Stem Cell Inhibiting Proteins
NUMBER OF SEQUENCES: 178
CORRESPONDENCE ADDRESS:
ADDRESSEE: HALE and DORR
STREET: 60 State Street
CITY: Boston
STATE: MA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,905B
FILING DATE: 26-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,759
FILING DATE: 08-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9127319.3
FILING DATE: 23-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9221587.0
FILING DATE: 14-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: BAKER, HOLLIE L.
REGISTRATION NUMBER: 31,321
REFERENCE/DOCKET NUMBER: 102.378.120DV-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-526-6110
TELEFAX: 617-526-5000
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..18
OTHER INFORMATION: /product= "BB9499 oligomer"
US-08-450-905B-92

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1635 AGGACAGAAACCAAG 1651
Db 2 AGTGCAGAACCAAG 18
RESULT 1643
US-08-173-489C-21
Sequence 21, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/969,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
DESCRIPTION: n-myc gene (Accession # Y00664)
DESCRIPTION: nucleotides 5619 to 5636
HYPOTHETICAL: No
ANTI-SENSE: No
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Ibsen, J M, Rabbitts, P H.
TITLE: Sequence of a germ-line N-myc
Patent No. 5861244
TITLE: gene and amplification as a mechanism of
TITLE: activation
JOURNAL: Oncogene
VOLUME: 2
PAGES: 399-402
DATE: 1988
RELEVANT RESIDUES IN SEQ ID NO: 21 :FROM 1 TO 18
US-08-173-489C-21

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1234 GAGGAGAGTGGGATGA 1250
|||||
Db 1 GAGGAGAGAGGGGAAGA 17

RESULT 1644
US-08-505-617-12/c
; Sequence 12, Application US/08505617
; Patent No. 5861378
; GENERAL INFORMATION:
; APPLICANT: IWANAGA, Sadaaki
; APPLICANT: KAWABATA, Shun-ichiro
; APPLICANT: SAITO, Tetsu
; TITLE OF INVENTION: POLYPEPTIDES, AND PREPARATION AND DNA
; TITLE OF INVENTION: ENCODING THEREOF
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault, LLP
; STREET: 125 High Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/505,617
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: CAMPBELL, Paula A
; REGISTRATION NUMBER: 32,503
; REFERENCE/DOCKET NUMBER: FJN-041
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-505-617-12

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGTCT 655
|||||
Db 18 GGTGATGACTGTGTCT 2

RESULT 1645
US-08-358-556A-30/c
; Sequence 30, Application US/08358556A
; Patent No. 5869643
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; APPLICANT: Kumarev, Viktor
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; TITLE OF INVENTION: a Solid Support and Apparatus Permitting its
; TITLE OF INVENTION: Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; COUNTRY: U.S.A.
; ZIP: 20004

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; US-08-358-556A-30

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 24 CGGACGGACCGACTGAC 40
|||||
Db 18 CTGACTGACTGACTGAC 2

RESULT 1646
US-08-282-197C-40/c
; Sequence 40, Application US/08282197C
; Patent No. 5871730
; GENERAL INFORMATION:
; APPLICANT: Brzezinski, Ryszard
; APPLICANT: Dery, Claude V
; APPLICANT: Beaulieu, Carole
; TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
; TITLE OF INVENTION: Methods of Use
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Ave., NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/282,197C
; FILING DATE: 29-JUL-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Cimbala, Michele A

REGISTRATION NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 1050.0410000
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
US-08-282-197C-40

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 642 CATGACTGTGCTCTTC 658
||||| ||| |||||
Db 18 CATGACGGTGGCTTCC 2

RESULT 1647
US-08-585-888-7
Sequence 7, Application US/08585888
Patent No. 5874215
GENERAL INFORMATION:
APPLICANT: KUIPER, Martin T.R.
APPLICANT: ZABEAU, Marc
APPLICANT: VOS, Pieter
TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,888
FILING DATE: 16-JAN-1996
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 95400080.8
FILING DATE: 16-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: McGowan, Malcolm K.
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 010830-097
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-585-888-7

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1972 ACTGCCTGCCTCTTC 1988
||||| ||| |||||

Db 2 ACTGCGTACCTCTCTC 18

RESULT 1648
US-08-432-871C-33/c
Sequence 33, Application US/08432871C
Patent No. 5877010
GENERAL INFORMATION:
APPLICANT: Loeb, Lawrence A.
APPLICANT: Black, Margaret E.
TITLE OF INVENTION: THYMIDINE KINASE MUTANTS
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/432,871C
FILING DATE: 02-MAY-1995
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 240052.409C1
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
TELEX: 3723836
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-432-871C-33

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGCTCT 655
||||| ||| |||||
Db 18 GGTGATGACTGTGCTCT 2

RESULT 1649
US-08-585-684B-2582
Sequence 2582, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

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;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2582:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2582

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 52.9%; Pred. No. 8.1e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      1279 TCGATCTGCTCTCTGA 1295
          :|:|:|:|:|:|:|:|:|
Db      1 UGGUCGUCGUCUCUGA 17

RESULT 1650
US-08-474-450A-11
; Sequence 11, Application US/08474450A
; Patent No. 5882856
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: UNIVERSAL PRIMER SEQUENCE FOR MULTIPLEX
; TITLE OF INVENTION: DNA AMPLIFICATION
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: RAE-VENTER LAW GROUP
; STREET: 260 Sheridan Ave., Ste. 440
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,450A
; FILING DATE: 7-JUNE-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rae-Venter, Barbara
; REGISTRATION NUMBER: 32,750
; REFERENCE/DOCKET NUMBER: GECO.001.00US
; TELEPHONE: (650) 328-4400
; TELEFAX: (650) 328-4477
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
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;
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "CFTR 15-PLEX PRIMER
; DESCRIPTION: SEQUENCE - exon 4"
; US-08-474-450A-11

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1431 GAAAGAAGTCACCGAAG 1447
          |||||
Db      2 GTAGGAAGTCACCAAG 18

RESULT 1651
US-08-751-189-10/c
; Sequence 10, Application US/08751189
; Patent No. 5919656
; GENERAL INFORMATION:
; APPLICANT: Harrington, Lea A.
; APPLICANT: Robinson, Murray O.
; TITLE OF INVENTION: No. 5919656el Genes Encoding Telomerase Protein
; TITLE OF INVENTION: 1
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen, Inc.
; STREET: 1840 De Havilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/751,189
; FILING DATE: 15-NOV-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oleski, Nancy A.
; REGISTRATION NUMBER: 34,688
; REFERENCE/DOCKET NUMBER: A-433
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligo nucleotide"
; US-08-751-189-10

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      639 GGTCATGACTGTGTCT 655
          |||||
Db      18 GGTCATGACTGTGTCT 2

RESULT 1652
US-08-912-129A-77/c
; Sequence 77, Application US/08912129A
; Patent No. 5922533
; GENERAL INFORMATION:
; APPLICANT: VALLARI, ANADRUZELA S.
; APPLICANT: HACKETT, JOHN JR.
; APPLICANT: HICKMAN, ROBERT K.
```

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; APPLICANT: VARITEK, VINCENT A. JR.
; APPLICANT: NECKLAWS, ELIZABETH A.
; APPLICANT: GOLDEN, ALAN M.
; APPLICANT: BRENNAN, CATHERINE A.
; APPLICANT: DEVARE, SUSHIL G.
; TITLE OF INVENTION: RAPID ASSAY FOR SIMULTANEOUS DETECTION AND DIFFERENTIATIO
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette, 1.44 MB
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS (Windows 95)
; SOFTWARE: Microsoft Word (ASCII format output)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/912,129A
; FILING DATE: 15-AUG-1997
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Dancikers, Andreas M.
; REGISTRATION NUMBER: 32,652
; REFERENCE/DOCKET NUMBER: 6109.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847-937-9803
; TELEFAX: 847-938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-912-129A-77

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1130 ATGAGTACTCTGGAGAG 1146
Db 18 ATGCGACCTGGAGTAG 2

RESULT 1653
US-08-389-423-28
; Sequence 28, Application US/08389423
; Patent No. 5948672
; GENERAL INFORMATION:
; APPLICANT: Rasmussen, Grethe
; APPLICANT: Mikkelsen, Jan Moller
; APPLICANT: Schulein, Martin
; APPLICANT: Patkar, Shankant A.
; APPLICANT: Hagen, Fred
; TITLE OF INVENTION: A Cellulase Preparation Comprising an
; TITLE OF INVENTION: Endoglucanase Enzyme
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5948672o No. 5948672th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/389,423
; FILING DATE: 14-FEB-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3469.214-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-389-423-28

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1074 TGCACCAATTTCAAGC 1090
Db 2 TGCACAAATTTCAAGC 18

RESULT 1654
US-08-567-375-14/c
; Sequence 14, Application US/08567375
; Patent No. 5952485
; GENERAL INFORMATION:
; APPLICANT: Ronald, Pamela C.
; APPLICANT: Wang, Guo-Liang
; APPLICANT: Song, Wen-Yuang
; APPLICANT: Szabo, Veronique
; TITLE OF INVENTION: Procedures and Materials for Conferring
; TITLE OF INVENTION: Disease Resistance in Plants
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/567,375
; FILING DATE: 04-DEC-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/004,645
; FILING DATE: 29-SEP-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/475,891
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/373,375
; FILING DATE: 17-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bastian, Kevin L.
; REGISTRATION NUMBER: 34,774
; REFERENCE/DOCKET NUMBER: 023070-058930
```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-567-375-14

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 720 CAAGTATTATGCTGTTA 736
Db 17 CAAGCAATGCTGTTA 1

RESULT 1655
US-09-161-015-9/c
; Sequence 9, Application US/09161015A
; Patent No. 5965370
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF RhoG EXPRESSION
; FILE REFERENCE: RTS-0015
; CURRENT APPLICATION NUMBER: US/09/161.015A
; CURRENT FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-015-9

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1478 CCAAGGGGTCAGGAG 1494
Db 18 CCAGAGGGGTCAGGAG 2

RESULT 1656
US-09-018-170-12/c
; Sequence 12, Application US/09018170
; Patent No. 5965725
; GENERAL INFORMATION:
; APPLICANT: IWANAGA, Sadaaki
; APPLICANT: KAWABATA, Shun-ichiro
; TITLE OF INVENTION: POLYPEPTIDES, AND PREPARATION AND DNA
; TITLE OF INVENTION: ENCODING THEREOF
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault, LLP
; STREET: 125 High Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/09/018,170
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/505,617
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: CAMPBELL, Paula A
; REGISTRATION NUMBER: 32,503
; REFERENCE/DOCKET NUMBER: FJN-041
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-018-170-12

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCAATGCTGTCCT 655
Db 18 GGTCAATGCTGTCCT 2

RESULT 1657
US-08-363-276B-18
; Sequence 18, Application US/08363276B
; Patent No. 5969109
; GENERAL INFORMATION:
; APPLICANT: BONA ET AL.
; TITLE OF INVENTION: CHIMERIC ANTIBODIES
; TITLE OF INVENTION: COMPRISING ANTIGEN BINDING SITES AND B AND T CELL EPITOPES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brumbaugh, Graves, Donohue &
; ADDRESSEE: Raymond
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10112-0228
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,276B
; FILING DATE: 22-DECEMBER-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USN 07/486,546
; FILING DATE: 28-FEBRUARY-1990 (ABANDONED)
; APPLICATION NUMBER: USN 07/687,376
; FILING DATE: 18-APRIL-1991 (ABANDONED)
; APPLICATION NUMBER: USN 08/327,636
; FILING DATE: 24-OCTOBER-1994 (ABANDONED)
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Richard S
; REGISTRATION NUMBER: 26,154
; REFERENCE/DOCKET NUMBER: 29889-165/29528
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-408-2558
; TELEFAX: 212-765-2519
; TELEX:
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:

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; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/532,979
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-050
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-532-979-6
;
; Query Match 0.6%; Score 12.2; DB 1; Length 18;
; Best Local Similarity 76.5%; Pred. No. 8.1e+02;
; Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1936 CGTACCTTCCACTGGC 1952
; |||||:|||||
; Db 2 CGTCCCUCCACTGGC 18
;
; RESULT 1661
; US-08-670-479-22
; Sequence 22, Application US/08670479
; Patent No. 5973133
; GENERAL INFORMATION:
; APPLICANT: Hardy, John A.
; APPLICANT: Goate, Alison M.
; TITLE OF INVENTION: MUTANT S182 GENES
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/670,479
; FILING DATE: 26-JUN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,500
; FILING DATE: 18-JUL-1996
; APPLICATION NUMBER: 60/001,800
; FILING DATE: 02-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Han, William T
; REGISTRATION NUMBER: 34,344
; REFERENCE/DOCKET NUMBER: P50361
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5219
; TELEFAX: 610-270-5090
; TELEX:
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-670-479-22
;
; Query Match 0.6%; Score 12.2; DB 1; Length 18;
; Best Local Similarity 82.4%; Pred. No. 8.1e+02;
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 486 TGCNAAAGACTCCGAGG 502
; |||||:|||||
; Db 1 TGCACAGATGCTGAGG 17
;
; RESULT 1662
; US-08-587-680A-23/C
; Sequence 23, Application US/08587680A
; Patent No. 5977434
; GENERAL INFORMATION:
; APPLICANT: Ronald, Pamela C.
; APPLICANT: Wang, Guo-Liang
; APPLICANT: Song, Wen-Yuang
; APPLICANT: Szabo, Veronique
; TITLE OF INVENTION: Procedures and Materials for Conferring
; TITLE OF INVENTION: Disease Resistance in Plants
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/587,680A
; FILING DATE: 17-JAN-1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/373,375
; FILING DATE: 17-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/475,891
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/004,645
; FILING DATE: 29-SEP-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/567,375
; FILING DATE: 04-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bastian, Kevin L.
; REGISTRATION NUMBER: 34,774
; REFERENCE/DOCKET NUMBER: 023070-058940US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
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JS-08-587-680A-23

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2y 720 CAAGTATTATGCTGTTA 736
db 17 CAAGCAATGCTGCTGTTA 1

RESULT 1663

JS-09-060-836-10/c
; Sequence 10, Application US/09060836
; Patent No. 5981707
; GENERAL INFORMATION:
; APPLICANT: Harrington, Lea A.
; APPLICANT: Robinson, Murray O.
; TITLE OF INVENTION: No. 5981707el Genes Encoding Telomerase Protein
; TITLE OF INVENTION: 1
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen, Inc.
; STREET: 1840 De Havilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,836
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/751,189
; FILING DATE: 15-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Oleski, Nancy A.
; REGISTRATION NUMBER: 34,688
; REFERENCE/DOCKET NUMBER: A-433
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligo nucleotide"

JS-09-060-836-10
Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2y 639 GGTCATGACTGTGTCCT 655
db 18 GGTCATAGCTGTTCCT 2

RESULT 1664

JS-09-213-768-17
; Sequence 17, Application US/09213768
; Patent No. 5985664
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SENTRIN EXPRESSION
; FILE REFERENCE: RTS-0026
; CURRENT APPLICATION NUMBER: US/09/213,768

; CURRENT FILING DATE: 1998-12-17

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 17

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-213-768-17

Query Match 0.6%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 8.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 574 CTGTACATTCGACATTGA 590

db 1 CTGTCCAATGACTTTGA 17

RESULT 1665

US-08-815-448-10/c
; Sequence 10, Application US/08815448
; Patent No. 5994068
; GENERAL INFORMATION:
; APPLICANT: Guilfoyle, Richard A
; APPLICANT: Guo, Zhen
; TITLE OF INVENTION: Nucleic Acid Indexing
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 1 South Pinckney St.
; CITY: Madison
; STATE: WI
; COUNTRY: US
; ZIP: 53703
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/815,448
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Beeson, Bennett J
; REGISTRATION NUMBER: 37094
; REFERENCE/DOCKET NUMBER: 960296.94053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-251-5000
; TELEFAX: 608-251-9166
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "M13RevP reverse primer"

US-08-815-448-10

Query Match 0.6%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 8.1e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTCATGACTGTGTCCT 655

db 18 GGTCATAGCTGTTCCT 2

RESULT 1666

US-08-815-448-30
; Sequence 30, Application US/08815448

```
; Patent No. 5994068
; GENERAL INFORMATION:
; APPLICANT: Guilfoyle, Richard A
; APPLICANT: Guo, Zhen
; TITLE OF INVENTION: Nucleic Acid Indexing
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 1 South Pinckney St.
; CITY: Madison
; STATE: WI
; COUNTRY: US
; ZIP: 53703
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/815,448
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Berson, Bennett J
; REGISTRATION NUMBER: 37094
; REFERENCE/DOCKET NUMBER: 960296.94053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-251-5000
; TELEFAX: 608-251-9166
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide complementary to
; DESCRIPTION: M13 forward primer"
; US-08-815-448-30

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 780 CATTTTCAGCCGCTCA 796
Db 2 CATTTGCTGCCGCTCA 18

RESULT 1667
US-08-890-980-86/c
; Sequence 86, Application US/08890980
; Patent No. 5998141
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/890,980
; FILING DATE: 10-JUL-1997
; CLASSIFICATION: 435
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; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-005.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; US-08-890-980-86

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTCACTGACTGTGTCTT 655
Db 18 GGTCACTGACTGTGTCTT 2

RESULT 1668
US-09-256-496-82
; Sequence 82, Application US/09256496
; Patent No. 5998206
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
; FILE REFERENCE: RTS-0056
; CURRENT APPLICATION NUMBER: US/09/256,496
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 82
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-256-496-82

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 600 TGGTGACGGCGTGAAG 616
Db 2 TGGTGAAGTGTGTGAAG 18

RESULT 1669
US-09-156-253-41
; Sequence 41, Application US/09156253C
; Patent No. 6001652
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: Antisense Modulation of CREL Expression
; FILE REFERENCE: RTS-0010
; CURRENT APPLICATION NUMBER: US/09/156,253C
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 41
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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Db      1 AAGGGCTTCTGGGTCT 17

RESULT 1673
US-09-255-888-31/c
; Sequence 31, Application US/09255888
; Patent No. 6013787
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD4 EXPRESSION
; FILE REFERENCE: RTS-0041
; CURRENT APPLICATION NUMBER: US/09/255,888
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-888-31

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1392 CAAACACAGAGATCAAA 1408
      ||| ||||| ||| |||
Db      17 CAAGACAGAGATCAAA 1

RESULT 1674
US-08-488-551B-616/c
; Sequence 616, Application US/08488551B
; Patent No. 6015661
; GENERAL INFORMATION:
; APPLICANT: Nicholas J. Deacon
; APPLICANT: Dale A. McPhee
; APPLICANT: David Cooper
; TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
; NUMBER OF SEQUENCES: 841
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 GARDEN CITY PLAZA
; CITY: GARDEN CITY
; STATE: NEW YORK
; COUNTRY: U.S.A.
; ZIP: 11530-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,551B
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PM3864 (AU)
; FILING DATE: 14-FEB-1994
; APPLICATION NUMBER: PM4002 (AU)
; FILING DATE: 21-FEB-1994
; APPLICATION NUMBER: PM0284 (AU)
; FILING DATE: 23-DEC-1994
; APPLICATION NUMBER: US 08/388,353
; FILING DATE: 14-FEB-1995
; APPLICATION NUMBER: PM3021/95
; FILING DATE: 17-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: FRANK S. DIGIGLIO
; REFERENCE/DOCKET NUMBER: 9606Z
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343

; TELEFAX: (516) 742-4366
; INFORMATION FOR SEQ ID NO: 616:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-488-551B-616

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1092 CCACATCAGTCCTTCCA 1108
      ||| ||| ||| ||| |||
Db      17 CCAATTAGCCCTTCCA 1

RESULT 1675
US-08-404-796-112
; Sequence 112, Application US/08404796
; Patent No. 6015686
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr, Thomas W
; APPLICANT: Polo, John M.
; APPLICANT: Ibanez, Carlos E.
; APPLICANT: Chang, Stephen M.W.
; APPLICANT: Jolly, Douglas J.
; APPLICANT: Driver, David A.
; APPLICANT: Belli, Barbara A.
; TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/404,796
; FILING DATE: 15-MAR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.42305 / 1146.006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-404-796-112

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      890 TAACTATCAAGGACAC 906
      ||| ||| ||| ||| |||
Db      2 TAACTGTCAAAAGCCAC 18
```

```
RESULT 1676
JS-08-931-869-112
; Sequence 112, Application US/08931869
; Patent No. 6015634
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr, Thomas W
; APPLICANT: Polo, John M.
; APPLICANT: Ibanez, Carlos E.
; APPLICANT: Chang, Stephen M.W.
; APPLICANT: Jolly, Douglas J.
; APPLICANT: Driver, David A.
; APPLICANT: Belli, Barbara A.
; TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/931,869
; FILING DATE: 16-SEP-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/404,796
; FILING DATE: 15-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.423C5 / 1146.006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-931-869-112

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2y 890 TAACTATCAAGGACAC 906
|||||
b 2 TAACTGTCAAAAGCCAC 18

RESULT 1677
JS-08-974-022-11/c
; Sequence 11, Application US/08974022
; Patent No. 6015938
; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.
; APPLICANT: Lacey, David L.
; APPLICANT: Calzone, Frank J.
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: OSTEOPROTEGERIN
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: 1840 Dehavilland Drive
; CITY: Thousand Oaks
; STATE: California

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2y 1404 TGAAGAGAGAGGAC 1420
|||||
b 17 TGAGAGGAGAGGAC 1

RESULT 1679
US-08-890-979-75/c
; Sequence 75, Application US/08890979
; Patent No. 6030778
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; APPLICANT: Ordovas, Jose M.
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS
; TITLE OF INVENTION: DISORDERS
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; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,022
; FILING DATE: 12-DEC-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/577,788
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Robert B.
; REFERENCE/DOCKET NUMBER: A-378
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-974-022-11

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTGATGACTGTGCT 655
|||||
Db 18 GGTGATGACTGTGCT 2

RESULT 1678
US-09-339-964-13/c
; Sequence 13, Application US/09339964
; Patent No. 6025198
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
; FILE REFERENCE: RTS-0065
; CURRENT APPLICATION NUMBER: US/09/339,964
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-339-964-13

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1404 TGAAGAGAGAGGAC 1420
|||||
Db 17 TGAGAGGAGAGGAC 1

RESULT 1679
US-08-890-979-75/c
; Sequence 75, Application US/08890979
; Patent No. 6030778
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; APPLICANT: Ordovas, Jose M.
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS
; TITLE OF INVENTION: DISORDERS
```

```
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Foley Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/890,979
; FILING DATE: 10-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-005.02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
;
US-08-890-979-75

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTGATGACTGTGTCCT 655
| | | | | | | | | | | | | | | |
Db 18 GGTGATGACTGTGTCCT 2

RESULT 1680
US-09-156-807-32/c
; Sequence 32, Application US/09156807
; Patent No. 6030786
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF RhoC EXPRESSION
; FILE REFERENCE: RTS-0014
; CURRENT APPLICATION NUMBER: US/09/156,807
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-156-807-32

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1215 TCCTGAGGACGCCATCC 1231
| | | | | | | | | | | | | | | |
Db 17 TCCTGAGGACGCCATCC 1

RESULT 1681
US-09-344-520-8/c

; Sequence 8, Application US/09344520
; Patent No. 6037176
; GENERAL INFORMATION:
; APPLICANT: Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF integrin beta 3 EXPRESSION
; FILE REFERENCE: RTS-0070
; CURRENT APPLICATION NUMBER: US/09/344,520
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-520-8

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 50 GGGAGCGGACGAAGATG 66
| | | | | | | | | | | | | | | |
Db 18 GGGAGCGGACGAAGATG 2

RESULT 1682
US-09-344-520-34
; Sequence 34, Application US/09344520
; Patent No. 6037176
; GENERAL INFORMATION:
; APPLICANT: Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF integrin beta 3 EXPRESSION
; FILE REFERENCE: RTS-0070
; CURRENT APPLICATION NUMBER: US/09/344,520
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-520-34

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 351 TGGTGAGGACTGTCCAG 367
| | | | | | | | | | | | | | | |
Db 2 TGATGAGGAGTTTCCAG 18

RESULT 1683
US-07-982-759F-92
; Sequence 92, Application US/07982759F
; Patent No. 6057123
; GENERAL INFORMATION:
; APPLICANT: CRAIG, Stewart
; APPLICANT: GEORGE, Michael
; APPLICANT: EDWARDS, Richard Mark
; APPLICANT: CZAPLEWSKI, Lloyd George
; APPLICANT: GILBERT, Richard
; TITLE OF INVENTION: Stem Cell Inhibiting Proteins
; NUMBER OF SEQUENCES: 178
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HALE and DORR LLP
; STREET: 60 State Street
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; CITY: Boston
; STATE: MA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/982,759F
; FILING DATE: 08-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9127319.3
; FILING DATE: 23-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9221587.0
; FILING DATE: 14-OCT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, HOLLY L.
; REGISTRATION NUMBER: 31,321
; REFERENCE/DOCKET NUMBER: 102378.120
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-526-6000
; TELEFAX: 617-526-5000
; INFORMATION FOR SEQ ID NO: 92:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..18
; OTHER INFORMATION: /product= "BB9499 oligomer"
JS-07-982-759F-92

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Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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2Y 1635 AGGACAGAACCAAGG 1651
   ||| ||||| |||||
3b 2 AGTGTCAAGCAAGG 18

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RESULT 1684
; Sequence 108, Application US/08779916A
; Patent No. 6063567
; GENERAL INFORMATION:
; APPLICANT: Gallie, Brenda L.
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; APPLICANT: Hui, May
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
; NUMBER OF SEQUENCES: 123
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,916A
; FILING DATE: 07-JAN-1997

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; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,942
; FILING DATE: 08-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 108:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 21 of human Rb1 gene
US-08-779-916A-108

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2042 ATACTATTTTCATTTT 2058
   ||| ||||| |||||
DB 18 ATACCATTTCCTTCTT 2

RESULT 1685
US-08-516-859A-17
; Sequence 17, Application US/08516859A
; Patent No. 6069231
; GENERAL INFORMATION:
; APPLICANT: Huang, Shi
; TITLE OF INVENTION: Retinoblastoma Protein - Interacting
; TITLE OF INVENTION: Zinc Finger Proteins
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/516,859A
; FILING DATE: 18-AUG-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/399,411
; FILING DATE: 06-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/292,683
; FILING DATE: 18-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1776
; TELECOMMUNICATION INFORMATION:

```



```
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
US-08-516-859A-17

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1958 GTGAGCCAGAAACACT 1974
Db 1 GTGGTCCAGAAACATT 17

RESULT 1686
US-08-945-654-14/c
; Sequence 14, Application US/08945654
; Patent No. 6071747
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: IMMORTALIZED CELL LINES FROM HUMAN
; TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
; TITLE OF INVENTION: THEREOF.
; NUMBER OF SEQUENCES: 22
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/945,654
;   FILING DATE:
;   CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: FR 9504922
;   FILING DATE: 25-APR-1995
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER"
US-08-945-654-14

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 529 ATCGTCTTGGCCATCCT 545
Db 18 ATCGTCGTGGCATCCT 2

RESULT 1687
US-09-143-212-13
; Sequence 13, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 13
; LENGTH: 18
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```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-13

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1699 CTGGCCACCATCTTTC 1715
Db 2 CTGCCACCATCTTTC 18

RESULT 1688
US-09-147-550-115/c
; Sequence 115, Application US/09147550
; Patent No. 6090540
; GENERAL INFORMATION:
; APPLICANT: Aida, Yoko
; TITLE OF INVENTION: METHODS FOR JUDGING THE POSSIBILITY OF THE ONSET OF
; TITLE OF INVENTION: BOVINE LEUKEMIA AND THE RESISTANCE THERETO
; FILE REFERENCE: SEQUENCE LISTING FOR 09/147,550
; CURRENT APPLICATION NUMBER: US/09/147,550
; CURRENT FILING DATE: 1999-04-23
; EARLIER APPLICATION NUMBER: PCT/JP97/02485
; EARLIER FILING DATE: 1997-07-17
; EARLIER APPLICATION NUMBER: JP 8-190933
; EARLIER FILING DATE: 1996-07-19
; EARLIER APPLICATION NUMBER: JP 9-77979
; EARLIER FILING DATE: 1997-03-28
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 115
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PRIMER
US-09-147-550-115

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACGTGTCTCT 655
Db 18 GGTCATAGCTGTTTCTCT 2

RESULT 1689
US-09-205-143-47/c
; Sequence 47, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: RTS-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-47

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 1695 CCACCTTGCCACCCATT 1711
|||||
DB 18 CCACCTGGCTACTATT 2

RESULT 1690
JS-09-205-143-71
; Sequence 71, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: RTS-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 71
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
JS-09-205-143-71

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1875 ATCTCTGTTTTTCA 1891
|||||
DB 1 ATCCCTGATTCTTCA 17

RESULT 1691
JS-09-280-409-80/c
; Sequence 80, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 80
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
JS-09-280-409-80

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 388 TTCTGTGAGTGTCTAC 404
|||||
DB 17 TTCTGTCACTTGGCTCC 1

RESULT 1692
JS-09-289-466-46/c
; Sequence 46, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RTS-0060

; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-46

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 545 TGGAACTGCTAAAGTAT 561
|||||
DB 17 TGGAAACAGCAAAAGTCT 1

RESULT 1693
US-09-289-466-65/c
; Sequence 65, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RTS-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 65
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-65

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 849 CTCAGACTCCCTATCTG 865
|||||
DB 17 CTCACACTCCCTGTGAG 1

RESULT 1694
US-09-032-894-86/c
; Sequence 86, Application US/09032894
; Patent No. 6130041
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
; FILE REFERENCE: MIA-005.03
; CURRENT APPLICATION NUMBER: US/09/032,894
; CURRENT FILING DATE: 1998-02-27
; EARLIER APPLICATION NUMBER: 08/890,980
; EARLIER FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 86
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human
US-09-032-894-86

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTGATGCTGTGCT 655
 Db 18 GGTGATGCTGTGCT 2

RESULT 1695
 US-09-487-444-32
 ; Sequence 32, Application US/09487444
 ; Patent No. 6159697
 ; GENERAL INFORMATION:
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Lex M. Cowser
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
 ; FILE REFERENCE: RTS-0133
 ; CURRENT APPLICATION NUMBER: US/09/487,444
 ; CURRENT FILING DATE: 2000-01-19
 ; NUMBER OF SEQ ID NOS: 49
 ; SEQ ID NO 32
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 ; US-09-487-444-32

Query Match 0.6%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 8.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1117 AACGAGAACGATGA 1133
 Db 2 AACGAGAACGACGA 18

RESULT 1696
 US-09-184-445-10/c
 ; Sequence 10, Application US/09184445
 ; Patent No. 6174703
 ; GENERAL INFORMATION:
 ; APPLICANT: Harrington, Lea A.
 ; APPLICANT: Robinson, Murray O.
 ; TITLE OF INVENTION: NO. 6174703el Genes Encoding Telomerase Protein
 ; TITLE OF INVENTION: 1
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Amgen, Inc.
 ; STREET: 1840 De Havilland Drive
 ; CITY: Thousand Oaks
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 91320-1789
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/184,445
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/751,189
 ; FILING DATE: 15-NOV-1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Oleski, Nancy A.
 ; REGISTRATION NUMBER: 34,688
 ; REFERENCE/DOCKET NUMBER: A-433
 ; INFORMATION FOR SEQ ID NO: 10:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid
 ; DESCRIPTION: /desc = "oligo nucleotide"
 US-09-184-445-10

Query Match 0.6%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 8.1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTGATGCTGTGCT 655
 Db 18 GGTGATGCTGTGCT 2

RESULT 1697
 US-09-038-073-2582
 ; Sequence 2582, Application US/09038073
 ; Patent No. 6194150
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 ; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
 ; NUMBER OF SEQUENCES: 2751
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/038,073
 ; FILING DATE:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/585,684
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Wartburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 218/078
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 2582:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-038-073-2582

Query Match 0.6%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 52.9%; Pred. No. 8.1e+02;
 Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 1279 TCGATGCTGCTCTGA 1295
 Db 1 UGGUGGUGGCCUCUGA 17

RESULT 1698
 US-09-071-433-66/c
 ; Sequence 66, Application US/09071433A

Patent No. 6197584
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Antisense Modulation of CD40 Expression
; FILE REFERENCE: RTS-0002
; CURRENT APPLICATION NUMBER: US/09/071,433A
; CURRENT FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 66
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-66

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 529 ATCGTCTGGCCATCT 545
DB 18 ATCGTCTGGCCATCT 2

RESULT 1699
US-08-983-466-42
; Sequence 42, Application US/08983466
; Patent No. 6207372
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: UNIVERSAL PRIMER SEQUENCE FOR MULTIPLEX
; TITLE OF INVENTION: DNA AMPLIFICATION
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: RAE-VENTER LAW GROUP
; STREET: 260 Sheridan Ave., Ste. 440
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/983,466
; FILING DATE: 10-FEB-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/474,450
; FILING DATE: 07-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO96/41012
; FILING DATE: 06-JUNE-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Rae-Venter, Barbara
; REGISTRATION NUMBER: 32,750
; REFERENCE/DOCKET NUMBER: GECO.001.01US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 328-4400
; TELEFAX: (650) 328-4477
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "CFTR 15-PLEX PRIMER

; DESCRIPTION: SEQUENCE - exon 4"
US-08-983-466-42
Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1431 GAAAGAAGTCACCGAAG 1447
DB 2 GTAGGAAGTCACCAAG 18
RESULT 1700
US-09-195-991-7
; Sequence 7, Application US/09195991
; Patent No. 6218119
; GENERAL INFORMATION:
; APPLICANT: KUIPER, Martin T.R.
; APPLICANT: ZABEAU, Marc
; APPLICANT: VOS, Pieter
; TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/195,991
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,888
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 010830-097
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-195-991-7
Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1972 ACTGCCTGGCCCTCTCTC 1988
DB 2 ACTGCCTGGCCCTCTCTC 18
RESULT 1701
US-09-193-377B-28
; Sequence 28, Application US/09193377B
; Patent No. 6221594
; GENERAL INFORMATION:
; APPLICANT: Burrell, Paul
; APPLICANT: Blackall, Linda

```
; APPLICANT: Keller, Jurg
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
; FILE REFERENCE: CULLX20.001AUS
; CURRENT APPLICATION NUMBER: US/09/193,377B
; CURRENT FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Nitrospira moscoviensis
US-09-193-377B-28

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 16 CGGAGGGCGGACGAC 32
    ||||| |||||
Db 1 CGGAGGGGAAGATGAC 17

RESULT 1702
US-09-031-626-86/c
; Sequence 86, Application US/09031626
; Patent No. 6228581
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; APPLICANT: Ordovas, Jose M.
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
; FILE REFERENCE: MIA-005.04
; CURRENT APPLICATION NUMBER: US/09/031,626
; CURRENT FILING DATE: 1998-02-27
; EARLIER APPLICATION NUMBER: 08/890,979
; EARLIER FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 86
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human
US-09-031-626-86

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTCTAGCTGTCTCT 655
    ||||| ||||| |||||
Db 18 GGTCTAGCTGTCTCT 2

RESULT 1703
US-09-307-392-10/c
; Sequence 10, Application US/09307392
; Patent No. 6228999
; GENERAL INFORMATION:
; APPLICANT: Guilfoyle, Richard A
; APPLICANT: Guo, Zhen
; TITLE OF INVENTION: Nucleic Acid Indexing
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 1 South Pinckney St.
; CITY: Madison
; STATE: WI
; COUNTRY: US
; ZIP: 53703
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/307,392
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/815,448
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Berson, Bennett J
; REGISTRATION NUMBER: 37094
; REFERENCE/DOCKET NUMBER: 960296.94053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-251-5000
; TELEFAX: 608-251-9166
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/307,392
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/815,448
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Berson, Bennett J
; REGISTRATION NUMBER: 37094
; REFERENCE/DOCKET NUMBER: 960296.94053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-251-5000
; TELEFAX: 608-251-9166
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "M13RevP reverse primer"
US-09-307-392-10

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTCTAGCTGTCTCT 655
    ||||| ||||| |||||
Db 18 GGTCTAGCTGTCTCT 2

RESULT 1704
US-09-307-392-30
; Sequence 30, Application US/09307392
; Patent No. 6228999
; GENERAL INFORMATION:
; APPLICANT: Guilfoyle, Richard A
; APPLICANT: Guo, Zhen
; TITLE OF INVENTION: Nucleic Acid Indexing
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 1 South Pinckney St.
; CITY: Madison
; STATE: WI
; COUNTRY: US
; ZIP: 53703
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/307,392
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/815,448
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Berson, Bennett J
; REGISTRATION NUMBER: 37094
; REFERENCE/DOCKET NUMBER: 960296.94053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-251-5000
; TELEFAX: 608-251-9166
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
```

; GENERAL INFORMATION:
 ; APPLICANT: Shultz, John W
 ; APPLICANT: Lewis, Martin K.
 ; APPLICANT: Liepe, Donna
 ; APPLICANT: Mandrekar, Michelle
 ; APPLICANT: Kephart, Daniel
 ; APPLICANT: Rhodes, Richard B.

; APPLICANT: Kephart, Daniel

GENERAL INFORMATION:
APPLICANT: Schumm, James W.

APPLICANT: Bacher, Jeffery W.
TITLE OF INVENTION: MATERIALS AND METHODS FOR
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
REPEAT DNA MARKERS
TITLE OF INVENTION: REPEAT DNA MARKERS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESS: Promega Corporation
STREET: 2800 Woods Hollow Road
CITY: Madison
STATE: Wisconsin
COUNTRY: U.S.A.
ZIP: 53711-5399

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb

COMPUTER: IBM compatible PC

OPERATING SYSTEM: Windows 95

SOFTWARE: Word 97 (DOS text format)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/018,584A

FILING DATE: 04-Feb-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Grady J. Frenchick

REGISTRATION NUMBER: 29,018

REFERENCE/DOCKET NUMBER: 16026.9180

TELECOMMUNICATION INFORMATION:

TELEPHONE: (608) 257-3501

TELEFAX: (608) 257-2275

INFORMATION FOR SEQ ID NO: 90:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

US-09-018-584A-90

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1673 GCTGGGTGAGCTCTTCC 1689

DB 17 GATGGGGAGCTCTACC 1

RESULT 1709

US-09-290-577-13

Sequence 13, Application US/09290577

Patent No. 6238868

GENERAL INFORMATION:

APPLICANT: Carrino, John J.

APPLICANT: Gertrude, Louis O.

APPLICANT: Diver, Jonathan M.

TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC

SEQUENCES USING LIGATION-DEPENDANT STRAND

TITLE OF INVENTION: DISPLACEMENT AMPLIFICATION AND BIOELECTRONIC CHIP

TITLE OF INVENTION: TECHNOLOGY

FILE REFERENCE: 238/238

CURRENT APPLICATION NUMBER: US/09/290,577

CURRENT FILING DATE: 1999-04-12

NUMBER OF SEQ ID NOS: 62

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 13

LENGTH: 18

TYPE: DNA

ORGANISM: Salmonella typhimurium

US-09-290-577-13

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1522 TCCAGCTCTGGCTTCT 1538

DB 1 TCCATCTCTGGATCTTT 17

RESULT 1710

US-09-617-302-20

Sequence 20, Application US/09617302

Patent No. 6245529

GENERAL INFORMATION:

APPLICANT: Holloway, James L.

APPLICANT: Feldhaus, Andrew

TITLE OF INVENTION: TESTIS SPECIFIC CYSTATIN-LIKE PROTEIN CYSTATIN T

FILE REFERENCE: 98-72 C1

CURRENT APPLICATION NUMBER: US/09/617,302

CURRENT FILING DATE: 2000-07-17

PRIOR APPLICATION NUMBER: 09/431,480

PRIOR FILING DATE: 1999-11-01

PRIOR APPLICATION NUMBER: 60/109,217

PRIOR FILING DATE: 1998-11-20

PRIOR APPLICATION NUMBER: 60/156,382

PRIOR FILING DATE: 1999-09-28

NUMBER OF SEQ ID NOS: 22

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 20

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide ZC20815

US-09-617-302-20

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 573 GCTGTACATTCGACATTG 589

DB 1 GCTGCACATAGACATAG 17

RESULT 1711

US-09-042-353-20

Sequence 20, Application US/09042353

Patent No. 6255458

GENERAL INFORMATION:

APPLICANT: Lonberg, Nils

APPLICANT: Kay, Robert M.

TITLE OF INVENTION: Transgenic No. 6255458-Human Animals for

Producing Heterologous Antibodies

NUMBER OF SEQUENCES: 421

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/042,353

FILING DATE: 13-MAR-1998

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/810,279

FILING DATE: 17-DEC-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/853,408

FILING DATE: 18-MAR-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/904,068
FILING DATE: 23-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/990,860
FILING DATE: 16-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/053,131
FILING DATE: 26-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/096,762
FILING DATE: 22-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/155,301
FILING DATE: 18-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/161,739
FILING DATE: 03-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/165,699
FILING DATE: 10-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/209,741
FILING DATE: 09-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/352,322
FILING DATE: 07-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/544,404
FILING DATE: 10-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/728,463
FILING DATE: 10-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US96/16433
FILING DATE: 10-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/758,417
FILING DATE: 02-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/21803
FILING DATE: 01-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 014643-009040US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-042-353-20

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1055 ATGACTACTTTGTAATAC 1071
DB 2 AGGGCTACTTTGACTAC 18

RESULT 1712
US-08-955-918C-16
Sequence 16, Application US/08955918C
Patent No. 6268130
GENERAL INFORMATION:
APPLICANT: Kleyh, Patrick, and Moore, Karen
TITLE OF INVENTION: RP Compositions and Therapeutic and

TITLE OF INVENTION: Diagnostic Uses Therefor
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/955,918C
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/697,766
FILING DATE: 29-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MNI-007CPDV2CPA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-955-918C-16

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 984 CGTTGCCCGTCGAGGA 1000
DB 2 CGGTCCAGGTCGAGGA 18

RESULT 1713
US-09-268-140-41/c
Sequence 41, Application US/09268140
Patent No. 6268176
GENERAL INFORMATION:
APPLICANT: Gemmill, Robert M.
APPLICANT: Drabkin, Harry A.
TITLE OF INVENTION: TRC8, A GENE RELATED TO THE HEDGEHOG RECEPTOR, PATCHED
FILE REFERENCE: 93445-00004
CURRENT APPLICATION NUMBER: US/09/268,140
CURRENT FILING DATE: 2000-03-12
PRIOR APPLICATION NUMBER: US 60/077,723
PRIOR FILING DATE: 1998-03-12
NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 41
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-09-268-140-41

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1491 GCGAGGAGGTCAAGTTGG 1507
DB 18 GCGCGAGGTCAAGATGG 2

RESULT 1714
US-09-406-064-31
; Sequence 31, Application US/09406064
; Patent No. 6270973
; GENERAL INFORMATION:
; APPLICANT: Schultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Leippe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Wood, Keith V.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: MULTIPLEX METHOD FOR NUCLEIC ACID DETECTION
; FILE REFERENCE: PRO-107.0 (6868/75532)
; CURRENT APPLICATION NUMBER: US/09/406,064
; CURRENT FILING DATE: 1999-09-27
; EARLIER APPLICATION NUMBER: 09/358,972
; EARLIER FILING DATE: 1999-07-21
; EARLIER APPLICATION NUMBER: 09/252,436
; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-406-064-31

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1146 GATCAACAGCGACTGT 1162
Db 1 GATTCAGCGCGACTGT 17

RESULT 1715
US-09-406-064-69/c
; Sequence 69, Application US/09406064
; Patent No. 6270973
; GENERAL INFORMATION:
; APPLICANT: Schultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Leippe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Wood, Keith V.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: MULTIPLEX METHOD FOR NUCLEIC ACID DETECTION
; FILE REFERENCE: PRO-107.0 (6868/75532)
; CURRENT APPLICATION NUMBER: US/09/406,064
; CURRENT FILING DATE: 1999-09-27
; EARLIER APPLICATION NUMBER: 09/358,972
; EARLIER FILING DATE: 1999-07-21
; EARLIER APPLICATION NUMBER: 09/252,436
; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 69
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: CAH reverse
US-09-406-064-69

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 624 CTACACCGACCGGG 640
Db 17 CTAGACCGAAGCTGGG 1

RESULT 1716
US-09-430-615-39/c
; Sequence 39, Application US/09430615
; Patent No. 6277578
; GENERAL INFORMATION:
; APPLICANT: Lewis, Martin K.
; APPLICANT: Leippe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Andrews, Christine Ann
; APPLICANT: Hartnett, James Robert
; APPLICANT: Welch, Roy
; APPLICANT: Shultz, John William
; TITLE OF INVENTION: Method for Amplified Nucleic Acid Detection
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/430,615
; CURRENT FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: CAH reverse
US-09-430-615-39

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 624 CTACACCGACCGGG 640
Db 17 CTAGACCGAAGCTGGG 1

RESULT 1717
US-09-430-615-60
; Sequence 60, Application US/09430615
; Patent No. 6277578
; GENERAL INFORMATION:
; APPLICANT: Lewis, Martin K.
; APPLICANT: Leippe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Andrews, Christine Ann
; APPLICANT: Hartnett, James Robert
; APPLICANT: Welch, Roy
; APPLICANT: Shultz, John William
; TITLE OF INVENTION: Method for Amplified Nucleic Acid Detection

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; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/430,615
; CURRENT FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 60
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-430-615-60

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1146 GATCAACAGCGACTCT 1162
Db 1 GATTCAGCGCGACTCT 17

RESULT 1718
US-09-630-706-62
; Sequence 62, Application US/09630706
; Patent No. 6277640
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
; FILE REFERENCE: RTS-0053
; CURRENT APPLICATION NUMBER: US/09/630,706
; CURRENT FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 62
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-62

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1465 GAGAGCCGAGGCCAA 1481
Db 1 GAGAACCCGAGGCCAA 17

RESULT 1719
US-09-461-697-466/c
; Sequence 466, Application US/09461697
; Patent No. 6277974
; GENERAL INFORMATION:
; APPLICANT: COGENT NEUROSCIENCE, Inc.
; APPLICANT: Lo, Donald C.
; APPLICANT: Barney, Shawn
; APPLICANT: Thomas, Mary Beth
; APPLICANT: Portbury, Stuart D.
; APPLICANT: Purnan, Kasturi
; APPLICANT: Katz, Lawrence C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING
; TITLE OF INVENTION: AND TREATING CONDITIONS, DISORDERS, OR DISEASES INVOLVING
; FILE REFERENCE: 10001-005-999
; CURRENT APPLICATION NUMBER: US/09/461,697
; CURRENT FILING DATE: 1999-12-14

; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/430,615
; CURRENT FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 466
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-461-697-466

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCACTGACTGTCTCT 655
Db 18 GGTCACTGACTGTCTCT 2

RESULT 1720
US-09-109-663-78
; Sequence 78, Application US/09109663
; Patent No. 6277981
; GENERAL INFORMATION:
; APPLICANT: Tu, Guang-Chou
; APPLICANT: Israel, Yedy
; TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF
; TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 9855-301
; CURRENT APPLICATION NUMBER: US/09/109,663
; CURRENT FILING DATE: 1998-07-03
; EARLIER APPLICATION NUMBER: 60/051,705
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Known
; OTHER INFORMATION: Effective ASO
US-09-109-663-78

Query Match      0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 629 CCACGACCCGGTCATG 645
Db 1 CCACGTCCTCCGGTCATG 17

RESULT 1721
US-09-380-786A-10/c
; Sequence 10, Application US/09380786A
; Patent No. 6280948
; GENERAL INFORMATION:
; APPLICANT: Guilfoyle, Richard A
; APPLICANT: Guo, Zhen
; TITLE OF INVENTION: Nucleic Acid Indexing
; FILE REFERENCE: 960296.96706
; CURRENT APPLICATION NUMBER: US/09/380,786A
; CURRENT FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: PCT/US98/04819
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: US 08/815,448
; PRIOR FILING DATE: 1997-03-11
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: M13RevP
US-09-380-786A-10
Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 639 GGTCATGACTGTGTCCT 655
Db 18 GGTCATGACTGTTCCT 2
RESULT 1722
US-09-380-786A-28
Sequence 28, Application US/09380786A
Patent No. 6280948
GENERAL INFORMATION:
APPLICANT: Guilfoyle, Richard A
APPLICANT: Guo, Zhen
TITLE OF INVENTION: Nucleic Acid Indexing
FILE REFERENCE: 960296.96706
CURRENT APPLICATION NUMBER: US/09/380,786A
PRIOR FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: PCT/US98/04819
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: US 08/815,448
PRIOR FILING DATE: 1997-03-11
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 28
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: adaptor
US-09-380-786A-28
Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 639 GGTCATGACTGTGTCCT 655
Db 1 GGTCATGACTGTTCCT 17
RESULT 1723
US-08-819-646-3/c
Sequence 3, Application US/08819646
Patent No. 6281348
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/819,646
FILING DATE: 17-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/474,556
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/329/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-819-646-3
Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 639 GGTCATGACTGTGTCCT 655
Db 18 GGTCATGACTGTTCCT 2
RESULT 1724
US-09-557-917-115/c
Sequence 115, Application US/09557917
Patent No. 6284457
GENERAL INFORMATION:
APPLICANT: Aida, Yoko
TITLE OF INVENTION: METHODS FOR JUDGING THE POSSIBILITY OF THE ONSET OF
FILE REFERENCE:
TITLE OF INVENTION: BOVINE LEUKEMIA AND THE RESISTANCE THERETO
CURRENT APPLICATION NUMBER: US/09/557,917
CURRENT FILING DATE: 2000-04-21
PRIOR APPLICATION NUMBER: 09/147,550
PRIOR FILING DATE: 1999-04-23
PRIOR APPLICATION NUMBER: PCT/JP97/02485
PRIOR FILING DATE: 1997-07-17
PRIOR APPLICATION NUMBER: JP 8-190933
PRIOR FILING DATE: 1996-07-19
PRIOR APPLICATION NUMBER: JP 9-77979
PRIOR FILING DATE: 1997-03-28
NUMBER OF SEQ ID NOS: 115
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 115
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PRIMER
US-09-557-917-115
Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 639 GGTCATGACTGTGTCCT 655
Db 18 GGTCATGACTGTTCCT 2
RESULT 1725
US-08-795-445A-11/c

; Sequence 11, Application US/08795445A
; Patent No. 628485
; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.
; APPLICANT: Lacey, David L.
; APPLICANT: Calzone, Frank J.
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: OSTEOPROTEGERIN
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: 1840 Behavilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/795,445A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/577,788
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Robert B.
; REFERENCE/DOCKET NUMBER: A-378
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-795-445A-11

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACTGTCTCT 655
Db 18 GGTCATGACTGTCTCT 2

RESULT 1726
US-08-795-447A-11/c
; Sequence 11, Application US/08795447A
; Patent No. 6284728
; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.
; APPLICANT: Lacey, David L.
; APPLICANT: Calzone, Frank J.
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: Osteoprotegerin
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: One Amgen Center Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91362-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/795,447A
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Robert B.
; REFERENCE/DOCKET NUMBER: A-378D2
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-795-447A-11

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACTGTCTCT 655
Db 18 GGTCATGACTGTCTCT 2

RESULT 1727
US-08-974-186-11/c
; Sequence 11, Application US/08974186
; Patent No. 6284740
; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.
; APPLICANT: Lacey, David L.
; APPLICANT: Calzone, Frank J.
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: OSTEOPROTEGERIN
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: 1840 Behavilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,186
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/577,788
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Robert B.
; REFERENCE/DOCKET NUMBER: A-378
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-974-186-11

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACTGTCTCT 655
Db 18 GGTCATGACTGTCTCT 2

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RESULT 1728
US-08-795-446B-11/c
; Sequence 11, Application US/08795446B
; Patent No. 6288032
; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.
; APPLICANT: Lacey, David L.
; APPLICANT: Calzone, Frank J.
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: OSTEOPROTEGERIN
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: 1840 Dehavilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/795.446B
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/577,788
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Robert B.
; REFERENCE/DOCKET NUMBER: A-378
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-795-446B-11

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 639 GGTCATGACTGTCCT 655
Db 18 GGTCATGACTGTCCT 2

RESULT 1729
US-09-723-534-20
; Sequence 20, Application US/09723534
; Patent No. 6294382
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-1 EXPRESSION
; FILE REFERENCE: RTS-0225
; CURRENT APPLICATION NUMBER: US/09/723.534
; CURRENT FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-723-534-20
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Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1860 GCTGGGTCTCAAGGAT 1876
Db 2 GCTTGGTCATAAAGGAT 18

RESULT 1730
US-09-304-452-3/c
; Sequence 3, Application US/09304452
; Patent No. 6300069
; GENERAL INFORMATION:
; APPLICANT: Missel, Andreas
; APPLICANT: Loeffert, Dirk
; APPLICANT: Kang, Jie
; TITLE OF INVENTION: The Generation and Amplification of Nucleic Acids
; FILE REFERENCE: OGN-007.0 US
; CURRENT APPLICATION NUMBER: US/09/304.452
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER:
; EARLIER FILING DATE:
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Microsoft Word 97
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: Primer_bind
; LOCATION:
; OTHER INFORMATION: 5' primer for beta-actin
US-09-304-452-3

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 707 GGGCTGGCAAAGGCAAG 723
Db 18 GGATCGGCAAAGGCAAG 2

RESULT 1731
US-08-758-417A-287
; Sequence 287, Application US/08758417A
; Patent No. 6300129
; GENERAL INFORMATION:
; APPLICANT: Lonberg, Nils
; Kay, Robert M.
; TITLE OF INVENTION: Transgenic No. 6300129-Human Animals for
; Producing Heterologous Antibodies
; NUMBER OF SEQUENCES: 417
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758.417A
; FILING DATE: 02-Dec-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/728,463
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FILING DATE: 10-OCT-1996
APPLICATION NUMBER: US 08/544,404
FILING DATE: 10-OCT-1995
APPLICATION NUMBER: US 08/352,322
FILING DATE: 07-DEC-1994
APPLICATION NUMBER: US 08/209,741
FILING DATE: 09-MAR-1994
APPLICATION NUMBER: US 08/165,699
FILING DATE: 10-DEC-1993
APPLICATION NUMBER: US 08/161,739
FILING DATE: 03-DEC-1993
APPLICATION NUMBER: US 08/155,301
FILING DATE: 18-NOV-1993
APPLICATION NUMBER: US 08/096,762
FILING DATE: 22-JUL-1993
APPLICATION NUMBER: US 08/053,131
FILING DATE: 26-APR-1993
APPLICATION NUMBER: US 07/990,860
FILING DATE: 16-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Serafini, Andrew T.
REGISTRATION NUMBER: 41,303
REFERENCE/DOCKET NUMBER: 014643-009030US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 287:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 287:
US-08-758-417A-287

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1055 ATGACTACTTTGAAATAC 1071
DB 2 AGGGCTACTTGTACTAC 18

RESULT 1732
US-09-290-452-13
Sequence 13, Application US/09290452
Patent No. 6309833
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Westin, Lorelei P.
APPLICANT: Carrino, John
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
TITLE OF INVENTION: STRUCTURES
FILE REFERENCE: 241/109
CURRENT APPLICATION NUMBER: US/09/290,452
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 13
LENGTH: 18
TYPE: DNA
ORGANISM: Salmonella typhimurium
US-09-290-452-13

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1522 TCCAGCTCTGGCTTCT 1538

Db 1 TCCATCTCTGGATTCTT 17
RESULT 1733
US-09-406-065-44/c
Sequence 44, Application US/09406065
Patent No. 6312902
GENERAL INFORMATION:
APPLICANT: Shultz, John W.
APPLICANT: Lewis, Martin K.
APPLICANT: Leippe, Donna
APPLICANT: Mandrekar, Michelle
APPLICANT: Kephart, Daniel
APPLICANT: Rhodes, Richard B.
APPLICANT: Andrews, Christine A.
APPLICANT: Hartnett, James R.
APPLICANT: Gu, Trent
APPLICANT: Olson, Ryan J.
APPLICANT: Welch, Roy
TITLE OF INVENTION: Improved Nucleic Acid Detection
FILE REFERENCE: Improved Nucleic Acid Detection
CURRENT APPLICATION NUMBER: US/09/406,065
CURRENT FILING DATE: 1999-09-27
EARLIER APPLICATION NUMBER: 09/358,972
EARLIER FILING DATE: 1999-07-21
EARLIER APPLICATION NUMBER: 09/252,436
EARLIER FILING DATE: 1999-02-18
EARLIER APPLICATION NUMBER: 09/042,287
EARLIER FILING DATE: 1998-03-13
NUMBER OF SEQ ID NOS: 81
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 44
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:CAH reverse
US-09-406-065-44

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 624 CTAGACCACGGACCGGG 640
DB 17 CTAGACCACGAACGGG 1

RESULT 1734
US-09-406-065-65
Sequence 65, Application US/09406065
Patent No. 6312902
GENERAL INFORMATION:
APPLICANT: Shultz, John W.
APPLICANT: Lewis, Martin K.
APPLICANT: Leippe, Donna
APPLICANT: Mandrekar, Michelle
APPLICANT: Kephart, Daniel
APPLICANT: Rhodes, Richard B.
APPLICANT: Andrews, Christine A.
APPLICANT: Hartnett, James R.
APPLICANT: Gu, Trent
APPLICANT: Olson, Ryan J.
APPLICANT: Welch, Roy
TITLE OF INVENTION: Improved Nucleic Acid Detection
FILE REFERENCE: Improved Nucleic Acid Detection
CURRENT APPLICATION NUMBER: US/09/406,065
CURRENT FILING DATE: 1999-09-27
EARLIER APPLICATION NUMBER: 09/358,972
EARLIER FILING DATE: 1999-07-21
EARLIER APPLICATION NUMBER: 09/252,436

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; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-406-065-65

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1146 GATCAACAGCGACTGT 1162
Db 1 GATTCAGCGACTGT 17

RESULT 1735
US-09-301-456-4/c
; Sequence 4, Application US/09301456
; Patent No. 6312955
; GENERAL INFORMATION:
; APPLICANT: HRUBY, Dennis E.
; TITLE OF INVENTION: STREPTOCOCCUS GORDONII STRAINS RESISTANT TO
; FILE REFERENCE: 016921-151
; CURRENT APPLICATION NUMBER: US/09/301,456
; CURRENT FILING DATE: 1999-04-29
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Streptococcus gordonii
US-09-301-456-4

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACTGTGCTCT 655
Db 18 GGTCATAGCTGTTCTCT 2

RESULT 1736
US-09-430-201-3
; Sequence 3, Application US/09430201
; Patent No. 6313373
; GENERAL INFORMATION:
; APPLICANT: Eckert, Richard L.
; TITLE OF INVENTION: Tissue Specific Promoters and Transgenic Animals for
; FILE REFERENCE: CASE-04022
; CURRENT APPLICATION NUMBER: US/09/430,201
; CURRENT FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 60/106,495
; PRIOR FILING DATE: 1998-10-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-430-201-3

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;

; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-406-065-65

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 940 CTGCCTATGCTGCTGCT 956
Db 1 CTGCTTAAGCTGCTGCT 17

RESULT 1737
US-09-355-947-6/c
; Sequence 6, Application US/09355947
; Patent No. 6316184
; GENERAL INFORMATION:
; APPLICANT: Aida, Yoko
; TITLE OF INVENTION: METHOD FOR JUDGING A POSSIBILITY OF THE ONSET OF OVINE
; FILE REFERENCE: LEUKEMIA
; FILE REFERENCE: Sequence Disclosure for P18364
; Patent No. 6316184
; CURRENT APPLICATION NUMBER: US/09/355,947
; CURRENT FILING DATE: 1999-10-21
; PRIOR APPLICATION NUMBER: JP 9/031787
; PRIOR FILING DATE: 1997-02-17
; PRIOR APPLICATION NUMBER: PCT/JP98/00620
; PRIOR FILING DATE: 1998-02-16
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: ovine
US-09-355-947-6

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTCATGACTGTGCTCT 655
Db 18 GGTCATAGCTGTTCTCT 2

RESULT 1738
US-09-586-472-17
; Sequence 17, Application US/09586472
; Patent No. 6323335
; GENERAL INFORMATION:
; APPLICANT: Huang, Shi
; TITLE OF INVENTION: Retinoblastoma Protein - Interacting
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/586,472
; FILING DATE: 01-Jun-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/528,706
; FILING DATE: 17-MAR-2000
; APPLICATION NUMBER: US 08/516,859
; FILING DATE: 18-AUG-1995
; APPLICATION NUMBER: US 08/399,411
; FILING DATE: 06-MAR-1995
; APPLICATION NUMBER: US 08/292,683
```

;; FILING DATE: 18-AUG-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Campbell, Cathryn A.
;; REGISTRATION NUMBER: 31,815
;; REFERENCE/DOCKET NUMBER: P-LJ 4130
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (619) 535-9001
;; TELEFAX: (619) 535-8949
;; INFORMATION FOR SEQ ID NO: 17:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
; US-09-586-472-17

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1958 GTGAGCCAGAAACACT 1974
||| |||||
DB 1 GTGTCGAGAAACATT 17

RESULT 1739
US-09-290-338-13
; Sequence 13, Application US/09290338
; Patent No. 6326173
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Edman, Carl F.
; TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLEIC ACID
; FILE REFERENCE: 238/072
; CURRENT APPLICATION NUMBER: US/09/290,338
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Salmonella typhimurium
; US-09-290-338-13

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1522 TCCAGCTCTGGCTTCCT 1538
||| |||||
DB 1 TCCATCTCTGGATTCTT 17

RESULT 1740
US-09-350-399-112
; Sequence 112, Application US/09350399
; Patent No. 6342372
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr, Thomas W
; Polo, John M.
; Jolly, Douglas J.
; Driver, David A.
; TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/350,399
;; FILING DATE: 08-Jul-1999
;; CLASSIFICATION: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: McMasters, David D.
;; REGISTRATION NUMBER: 33,963
;; REFERENCE/DOCKET NUMBER: 930049.423D1 / 1146.010
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (206) 622-4900
;; TELEFAX: (206) 682-6031
;; INFORMATION FOR SEQ ID NO: 112:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; SEQUENCE DESCRIPTION: SEQ ID NO: 112:
; US-09-350-399-112

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 890 TAACTATCAAGGACAC 906
||| |||||
DB 2 TAACTGCAAAAGCCAC 18

RESULT 1741
US-08-584-040-6204
; Sequence 6204, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327


```
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 6204:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-6204

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 64.7%; Pred. No. 8.1e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 638 GGGTCATGACTGTGTCC 654
Db 1 GGGCCCGACAGUGUGCC 17

RESULT 1742
; Sequence 8346, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8346:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8346
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Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 58.8%; Pred. No. 8.1e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1520 TCTCCAGCTCTGGTTC 1536
Db 2 UCACCAGCUCACGCUUC 18

RESULT 1743
; Sequence 8382, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8382:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8382

Query Match          0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 14 GCGCGAGCGGCGGCGG 30
Db 18 GCGCGTGGCGGCGGCGG 2

RESULT 1744
US-09-303-069-21/c
```

Sequence 21, Application US/09303069A
Patent No. 6350592
GENERAL INFORMATION:
APPLICANT: Lee, Mu-En
APPLICANT: Hsieh, Chung-Ming
TITLE OF INVENTION: SINGLE GENE ENCODING AORTIC-SPECIFIC AND STRIATED-SPECIFIC
TITLE OF INVENTION: MUSCLE CELL ISOFORMS AND USES THEREOF
FILE REFERENCE: 05433/039001
CURRENT APPLICATION NUMBER: US/09/303,069A
CURRENT FILING DATE: 1999-04-30
EARLIER APPLICATION NUMBER: US 09/134,250
EARLIER FILING DATE: 1998-08-14
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 21
LENGTH: 18
TYPE: DNA
ORGANISM: Mus musculus
US-09-303-069-21

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1005 TGAGACAGCTGTGGCC 1021
||| ||||| |||||
Db 17 TGACCCAGCTGAGGCC 1

RESULT 1745
US-09-205-995-17
Sequence 17, Application US/09205995
Patent No. 6368855
GENERAL INFORMATION:
APPLICANT: Xu, Minzhen
APPLICANT: Qiu, Gang
APPLICANT: Humphreys, Robert
TITLE OF INVENTION: CANCER CELL VACCINE
FILE REFERENCE: U.S. Application 09/205,995, (CIP)
CURRENT APPLICATION NUMBER: US/09/205,995
CURRENT FILING DATE: 1998-12-04
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR FILING DATE: 1998-03-09
PRIOR APPLICATION NUMBER: 08/661,627
PRIOR FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 79
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: antisense
OTHER INFORMATION: oligonucleotide corresponding to a specific region
OTHER INFORMATION: of the mouse li gene.
US-09-205-995-17

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGCTGGAGCGGTGGT 969
||| ||||| |||||
Db 2 TTCTGGAGGTGATGGT 18

RESULT 1746
US-08-706-945D-5/c
Sequence 5, Application US/08706945D
Patent No. 6369027
GENERAL INFORMATION:
APPLICANT: Boyle, William
APPLICANT: Lacey, David

APPLICANT: Calzone, Frank
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: Osteoprotegerin
FILE REFERENCE: A-378CIP
CURRENT APPLICATION NUMBER: US/08/706,945D
CURRENT FILING DATE: 1996-09-03
PRIOR APPLICATION NUMBER: 08/577,788
PRIOR FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 145
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-08-706-945D-5

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 639 GGTATGACTGTGTCT 655
||| ||||| |||||
Db 18 GGTATGACTGTCTCT 2

RESULT 1747
US-09-395-345-10
Sequence 10, Application US/09395345
Patent No. 6376176
GENERAL INFORMATION:
APPLICANT: Taylor, Kent D.
APPLICANT: Rotter, Jerome I.
APPLICANT: Yang, Ruiying
TITLE OF INVENTION: Methods of Using A Major Histocompatibility Complex
FILE REFERENCE: P-CB 3639
CURRENT APPLICATION NUMBER: US/09/395,345
CURRENT FILING DATE: 1999-09-13
NUMBER OF SEQ ID NOS: 40
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-09-395-345-10

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1243 GCGATGAGGAGGAAGA 1259
||| ||||| |||||
Db 2 GCGAGGAGGAGGAAGA 18

RESULT 1748
US-09-236-140A-112
Sequence 112, Application US/09236140A
Patent No. 6376236
GENERAL INFORMATION:
APPLICANT: Dubensky Jr, Thomas W
Polo, John M.
Ibanez, Carlos E.
Chang, Stephen M.W.
Jolly, Douglas J.
Driver, David A.
Belli, Barbara A.
TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS PARTICLES
NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEE: OPPENHEIMER WOLFF & DONNELLY

Sequence 21, Application US/09303069A
Patent No. 6350592
GENERAL INFORMATION:
APPLICANT: Lee, Mu-En
APPLICANT: Hsieh, Chung-Ming
TITLE OF INVENTION: SINGLE GENE ENCODING AORTIC-SPECIFIC AND STRIATED-SPECIFIC
TITLE OF INVENTION: MUSCLE CELL ISOFORMS AND USES THEREOF
FILE REFERENCE: 05433/039001
CURRENT APPLICATION NUMBER: US/09/303,069A
CURRENT FILING DATE: 1999-04-30
EARLIER APPLICATION NUMBER: US 09/134,250
EARLIER FILING DATE: 1998-08-14
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 21
LENGTH: 18
TYPE: DNA
ORGANISM: Mus musculus
US-09-303-069-21

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1005 TGAGACAGCTGTGGCC 1021
||| ||||| |||||
Db 17 TGACCCAGCTGAGGCC 1

RESULT 1745
US-09-205-995-17
Sequence 17, Application US/09205995
Patent No. 6368855
GENERAL INFORMATION:
APPLICANT: Xu, Minzhen
APPLICANT: Qiu, Gang
APPLICANT: Humphreys, Robert
TITLE OF INVENTION: CANCER CELL VACCINE
FILE REFERENCE: U.S. Application 09/205,995, (CIP)
CURRENT APPLICATION NUMBER: US/09/205,995
CURRENT FILING DATE: 1998-12-04
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR FILING DATE: 1998-03-09
PRIOR APPLICATION NUMBER: 08/661,627
PRIOR FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 79
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: antisense
OTHER INFORMATION: oligonucleotide corresponding to a specific region
OTHER INFORMATION: of the mouse li gene.
US-09-205-995-17

Query Match 0.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGCTGGAGCGGTGGT 969
||| ||||| |||||
Db 2 TTCTGGAGGTGATGGT 18

RESULT 1746
US-08-706-945D-5/c
Sequence 5, Application US/08706945D
Patent No. 6369027
GENERAL INFORMATION:
APPLICANT: Boyle, William
APPLICANT: Lacey, David